

INDIGENOUS PLANTS FROM COAST BETWEEN BARING HEAD AND PENCARROW

For the sake of compactness, this is an abridged version of M. Tony Druce's comprehensive list of vascular plants. Trees and other plants not expressly recorded for "our" area) are omitted. A full copy of Tony's List will be available for inspection. T.C.M.

DICOT. SHRUBS

- Brachyglottis greyi
- B. repanda s.s.
- B. retundifolia var.
- Carmichaelia arborea var.
- Cassinia leptophylla var. leptophylla.
- Coprosma areolata
- C. colensoi (incl. C. banksii)
- C. crassifolia
- C. foetidissima
- C. grandifolia
- C. linariifolia
- C. lucida
- C. microcarpa
- C. propinqua s.sp. propinqua
- C. repens
- C. rhamnoides s. sp. rhamnoides
- C. rigida (Beddie 1935)
- C. robusta
- C. tenuicaulis
- C. virescens
- C. sp. aff. parviflora
- C. crassifolia x C. repens
- C. propinqua x C. robusta
- C. repens x C. rhamnoides
- Cornaria arborea
- C. sarmentosa
- C. arborea x C. sarmentosa
- Cyathodes sp. (C. juniperina agg.)
- Discaria toumatou
- Dracophyllum longifolium var.
- Gaultheria antipoda
- G. rupestris (incl. G. subcorymbosa)
- Seniostoma rupestre var. ligustrifolium
- H. stricta var. atkinsonii
- H. s. var. macroura
- H. s. var. atkinsonii  $\Rightarrow$  var. macroura
- H. sp. (Veronica arborea)
- Helichrysum aggregatum var. aggregatum
- Koeleria lindsayi s.s.
- K. salicoides

- Kunzea ericoides var.
- Leptospermum scoparium
- Leucopogon fasciculatus
- L. fraseri s.s.
- Melicope simplex
- M. simplex x M. ternata
- Melicytus crassifolius var. crassifolius
- M. micranthus (Zotov et al. 1935)
- M. obtusatus var.
- Muehlenbeckia astonii
- Olearia arborescens
- Oslandri
- Peraxilla tetrapetala
- Pimelea arenaria
- P. aridula
- P. prostrata
- P. urvilleana (incl. P. prostrata var. quadrifaria)
- Pittosporum divaricatum
- Plagianthus divaricatus
- P. d. x P. regius
- Pseudopanax anomalus
- Pseudo wintera axillaris
- Pseudowintera colorata
- Solanum aviculare var. aviculare
- Urtica perex

MONOCOT LIANES

- Freyinetia baueriana ssp. banksii
- Ripogonum scandens

DICOT LIANES AND RELATED TRAILERS

- Calystegia sepium s.sp.
- C. soldanella
- C. tugayorum
- Clematis forsteri (incl. C. australis C. petraea C. nackerianum)
- C. paniculata
- Fuchsia perscarmelens
- Metrosideros colensoi
- M. diffusa
- M. fulgens
- M. perforata
- Muehlenbeckia australis
- M. complanata

*Pluchea beccaria australis* x *P. complexa*

*Pisonia capsularis*

*P. heterophylla*

*P. capsularis* x *P. heterophylla*

*Passiflora tetrandra*

*Rubus cissoides* var. *cissoides*

*R. schmideloides* var. *schmideloides*

~~*R. squarrosus*~~

~~*Tetragonia tetragonoides*~~

*T. trigyna*

PSILOPSIDS AND LYCOPODS.

*Tmesipteris elongata*

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

*L. volubile*

FERNS

*Adiantum cunninghamii*

*Anarthropteris lanceolata*

*Asplenium bulbiferum* s.s.

*A. flabellifolium* agg.

*A. flaccidum* s.s.

*A. gracillimum*

*A. hookerianum*

*A. oblongifolium*

*A. obtusatum* s.s.

*A. polyodon*

*A. terrestre* s. sp. *maritimum*

*A. terrestre* s. sp. *terrestre*

*A. flaccidum* x *A. hookerianum*

*A. flaccidum* x *A. terrestre* s. sp. *terrestre*

*A. flaccidum* x *A. sp.* (*A. bulbiferum* or *A. gracillimum*)

*A. hookerianum* x *A. sp.* (*A. bulbiferum* or *A. gracillimum*)

*Azolla filiculoides*

*Blechnum banksii*

*B. chambersii*

*B. colensoi*

*B. discolor*

*B. filiforme*

*B. fluviatile* agg.

*B. membranaceum*

*B. minus*

*B. penna-marina*

*B. procerum*

*B. vulcanicum*

*B. sp. a* (common sp, lower pinnae reduced)

*B. sp. b* (cliff sp, lower pinnae not reduced)

*Dorychium* sp

*Cardaminea resinosa*

*Cheilanthes sieberi* ssp. *sieberi* \*

*Ctenopteris heterophylla*

*Cyathea dealbata*

*C. medullaris*

*C. smithii*

*Grammitis billardierei*

*G. ciliata*

*Histiopteris incisa*

*Hymenophyllum bivalve*

*H. demissum*

*H. dilatatum*

*H. flabelatum*

*H. multifidum*

*H. rarum*

*H. sanguinolentum* agg.

*H. scabrum*

*Hypolepis ambigua*

*H. dicksonioides*

*H. lactea*

*Lastreopsis glabella*

*L. hispida*

*L. microsora* s. sp. *pentangularis*

*L. velutina*

*Leptopteris hymenophylloides*

*Lindsaea linearis*

*Littrichomanoides*

*Ophioglossum coriaceum* agg.

*Paesia scaberula*

*Pallaea rotundifolia* NB. LOOK FOR UNNAMED "ROLE"

*Phymatosorus diversifolius*

*P. scandens*

*Pneumatopteris pennigera*

*Polystichum richardii*

*Pteridium esculentum*

*Pteris pendula*

*P. tremula*

*Pyrrosia serpens*

*Ramochra adiantiformis*

*Schizaea bifida*

*Schizaea fistulosa* (Zotov et al. 1938.)

*Trichomanes cernosum*

\* NOT ON TONY'S LIST TCH.

ALSO, LOOK FOR FURRY *C. DISTANS* (about same ORCHIDS)

## ORCHIDS

- Acidanthus sinclairii
- Balobophyllum pygmaeum
- B. tuberculatum
- Cystostylis reniformis s.s.
- Caladenia catenata
- Chiloglottis cornuta
- Corybas aconitiflorus
- C. macranthus
- C. oblongus
- C. rivularis
- C. trilobus s.s.
- Dendrobium cunninghamii
- Drymoanthus adpressus
- Earina autumnalis
- E. mucronata agg.
- Gastrodia cunninghamii
- Microtis unifolia
- Orthoceras strictum agg.
- Prasophyllum colensei
- P. nudum
- Pterostylis alobula
- P. banksii
- P. barbata
- P. cardiostigma
- P. graminea
- P. montana s.s.
- Thelymitra hatchii
- T. longifolia
- T. sp. cf. T. pauciflora

## GRASSES

- Austrofestuca littoralis
- Chionocheila beddiei
- C. cheesemaniae
- C. conspicua ssp. cunninghamii
- Cordulaterium fulvum
- C. toetoe
- Deschampsia caespitosa (Aston 1911)
- Deyeuxia avencoides (incl. D. a. var. brachyantha)
- Dichelaehne crinita
- Echinopogon ovatus
- Elymus multiflorus (Hooker 1864) as  
Friticum multiflorum)

- Elymus multiflorus [Contd.]  
(Aston 1911, as Agropyron multiflorum)
- E. sp. (aff. E. rectisetus) groups I & II  
of Agropyron scabrum - Connor 1954.
- Festuca multinodis
- Hierochloa reddens
- Lachnagrostis filiformis
- L. richardii
- Microlaena acnacea
- M. stipoides
- Pea anceps s. sp. anceps
- P. cita
- P. imbecilla
- Rytidosperma clavatum
- R. gracile
- R. unarede
- Spinifex sericeus
- Trisetum antarcticum s.s. (incl. T. saxeticolon)
- T. sp. a. (unnamed, aff. T. antarcticum)
- T. sp. b. (unnamed, plants slender, leaf sheath glabrous)
- Zoysia minima

## SEDGES

- Baumea juncea
- B. rubiginosa
- Carex appressa
- C. breviculmis
- C. flagellifera
- C. flaviformis
- C. forsteri
- C. geminata s.s.
- C. litorosa
- C. maerica
- C. pumila
- C. seeta s.s.
- C. solandri
- C. spinirostris
- C. testacea s.s.
- C. virgata
- C. sp. a. (cf. C. sinclairii and C. subdola)
- Cyperus ustulatus
- Desmochloa spiralis
- Eleocharis acuta
- E. gracilis
- Gahnia pauciflora

SEDGES CONT'D

- *Isolepis cernua*
- *I. inundata*
- *I. nodosa*
- *I. pottsii*
- *I. prolifera*
- *I. reticularis*
- *Lepidosperma australe*
- *Moreletia affinis*
- *Schoenoplectus pungens*
- *S. validus*
- *S. concinnus*
- *S. maschalinus*
- *Uncinia banksii*
- *U. ferruginea*
- *U. leptostachya*
- *U. scabra*
- *U. uncinata*
- *U. sp (aff. U. rupestris)*

RUSHES

- *JUNCUS australis*
- *J. caespiticus*
- *J. distegus*
- *J. gregiflorus*
- *J. holoschoenus (Bagnall 1975)*
- *J. maritimus var. australiensis*
- *J. pallidus*
- *J. planifolius*
- *J. prismatocarpus (Aston 1912)*
- *J. sarophorus*
- *Leptocarpus similis*
- *Luzula banksiana s.s.*
- *L. migrata*
- *L. picta s.s.*
- *L. banksiana x L. picta*

MONOCOT HERBS (OTHER THAN ORCHIDS GRASSES)

SEDGES AND RUSHES

- *ARTHROPODIUM Erndlidum*
- *A. cinrhatum*
- *Astelia fragrans*
- *A. solandri*
- *Colospermum hastatum*
- *Dianella nigra*
- *Lemna sp (L. minor auct.)*

- *Libertia grandiflora*
- *L. ixoides*
- *L. perigrinans (Moore 1967)*
- *Phormium cookianum*
- *P. tenax*
- *P. cookianum x tenax*
- *Potamogeton cheesmanii*
- *P. ochreatus (Moore 1950)*
- *Ruppia polycarpa*
- *Sparganium subglobosum*
- *Triglochin striatum*
- *Typha orientalis*
- *Wolffia australiana*

COMPOSITE HERBS

- *Anaphalis keriensis*
- *Anaphalis sp. (Helichrysum bellidifolium)*
- *Brachyglottis lagopus var lagopus*
- *Centipedia minima*
- *Cotula australis (For other Cotulas see C. coronopifolia Leptinella)*
- *C. coronopifolia*
- *Craspedia minor var minor (incl. major)*
- *Craniiflora var. grandis*
- *C. u. var. maritima*
- *C. viscosa*
- *Gnaphalium audax*
- *G. gymnocephalum*
- *G. involucreatum*
- *G. limosum*
- *G. sphaericum*
- *Helichrysum filicaule*
- *Lagenifera pumila*
- *Leptinella dispersa s.sp. dispersa*
- *L. membranacea*
- *L. perpusilla ??? once at Turakere*
- *L. squalida s.sp. squalida*
- *Pseudognaphalium sp. a. (P. lutea-album agg.)*
- *P. sp. b. (P. lutea-album agg.)*
- *Raculia glabra*
- *R. tenuiculis*
- *R. sp. a (R. australis agg.)*
- *R. sp. b (unnamed; aff. R. hookeri)*
- *R. sp. a x R. sp. b*
- *Senecio hispidulus*
- *S. laetus s.sp. laetus*
- *S. minimus*
- *S. rufiflandulosus var. rufiflandulosus*

COMPOSITE HERBS CONT'D

~~Sonchus Kirkii~~

Vittadinia australis s.s.

DICOT HERBS (OTHER THAN COMPOSITES)

Acaena anserini folia

A. pallida

A. sp (unnamed) var a

Aciphylla squarrosa s.s.

Apium prostratum s.s.

Atriplex cinerea

Australina pusilla

Callitriche muelleri

Cardamine sp. a. (C. debilis agg. "narrow petal")

Cardamine sp. b. ( " "glossy lf" of Pritchard)

C. sp. c. (C. debilis agg. fls apetalous) (= sp b?)

C. sp. d. cf C. corymbosa (Mainland Coastal Base of Pritch.)

Centella uniflora

Chenopodium glaucum var. ambiguum

Colobanthus muelleri

C. strictus

Convolvulus sp (unnamed, aff. C. verecundus)

Crassula Kirkii

C. moschata

C. peduncularis

C. sieberiana

~~Crucis glechidiatus~~

Dichondra repens var.

D. sp b. unnamed (slender, fls small)

Disphyma australe s.sp. australe

Drosera binata

D. peltata s.sp. auriculata

Einadia allanii

E. triandra

Elatine gratioides (Buchanan 1873-74 as E. americana)

Epilobium alsinoides s.s.

E. atriplicifolium s.s.

E. billardioreanum s.s.

E. brunnescens s.s.

E. chionanthum

E. insulare

E. microphyllum

E. pallidiflorum

E. pubens

Eryngium vesiculosum

Euphorbia glauca (Buchanan 1873 Aston 1912)

Euphrasia cuneata

Galium propinquum

G. trilobum

Geranium microphyllum

G. sessiliflorum var. novae-zeelandiae

Glossostigma elatinoides

G. submersum (NOT CANTON'S LIST YET!)

Gonocarpus aggregatus

G. meenus (Orchard 1975)

G. montanus

Gratiola sexdentata

Gunnera monoica (Incl G. abocarpa & G. strigosa)

G. prorepens (Incl. G. flavida)

Halenagis erecta s.sp. erecta

Hydrocotyle elongata

H. heteromeria

H. moschata

H. novae-zeelandiae s.s.

Hypericum japonicum

Jacellana repens

Lepidium oleraceum

Lilaeopsis novae-zeelandiae

L. rathiana ?

Limosella lineata

Linum monogynum

Lobelia anceps

Mazus sp (M. pumilio auct. NZ)

Montia fontana s.s.

Myosurus minimus (Aston 1911)

Myriophyllum propinquum

M. triphyllum

N. ertschii

Nertera depressa (incl N. cunninghamii)

N. setulosa

Oxalis exilis

O. magellanica

O. sp

Parakebe catarractae s.sp. diffusa

Parietaria debilis

Plantago raoulii var a (lvs narrow elliptic)

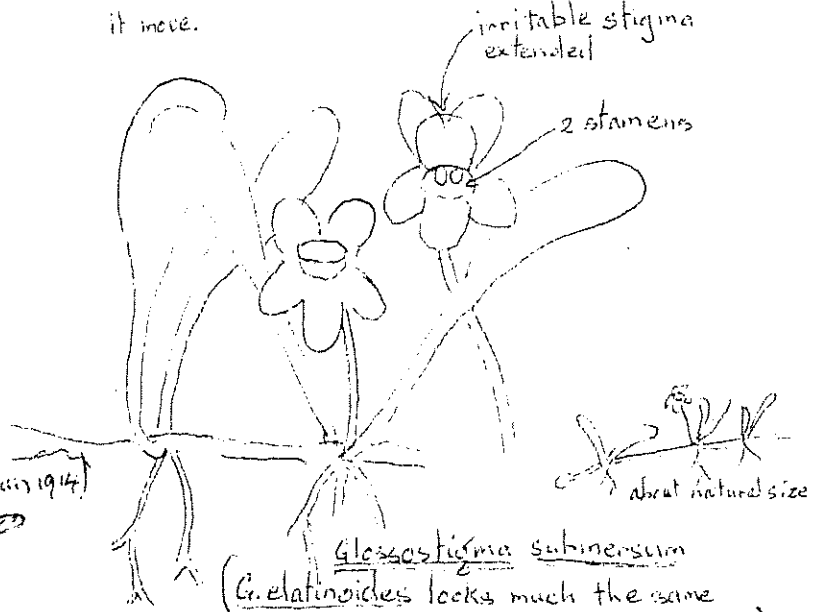
P. spathulata s.sp. spathulata

P. spathulata (7 ... 1975)

DICOT HERBS (OTHER THAN COMPOSITES) CONTD

- *Potentilla anserinoides*
- *Prætia angulata*
- *Ranunculus acaulis*
- *R. amphitrichus*
- *R. glabrifolius*
- *R. limosella*
- *R. macropus*
- *R. reflexus*
- *Saxifraga repens*
- *Sarcocornia quinqueflora*
- *Scandia geniculata*
- *Schizeilema trifoliatum*
- *Scleranthus biflorus*
- *Sebaea ovata* (Aston 1912-14 Cheeseman 1914)
- *Selliera radicans* ~~.....~~
- *Stellaria decipiens*
- *Urtica incisa*
- *Viola cunninghamii*
- *Wahlenbergia colensoi*
- *W. gracilis* s.s.

If the stigma is curved over the stamens, tickle it with a piece of grass - leaf to make it move.



*Glossostigma submersum*  
(*G. elatinooides* looks much the same but has 4 stamens and is on the list)

Look for this one on lake margins.

1. HYPOXIS      19. HYPOXIDACEAE      FLORA VOL II.      P 99

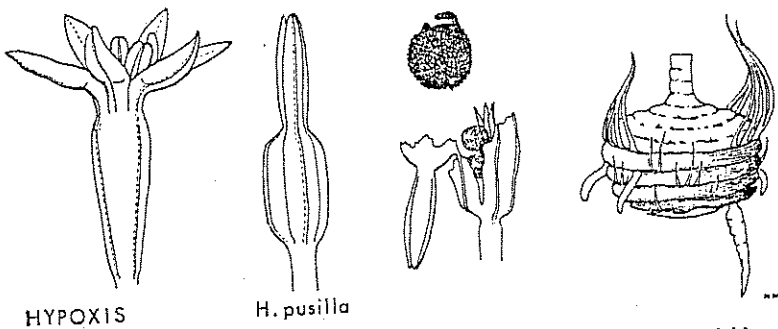


Fig. 19. HYPOXIS. *H. pusilla*: flower, X 5; capsule; capsule, dehiscent, exposing seeds and 3-fid placenta; seed; corm seated on saucer-shaped remains of corms of 4-5 previous seasons, X 5.

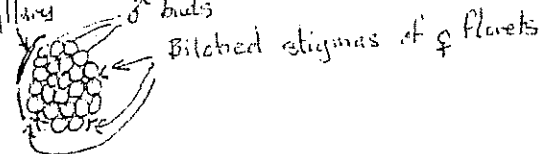
1. HYPOXIS L. 1759

Fls solitary from amongst lvs, or in racemose or subumbellate infls. Per-segs free, spreading. Stamens 6, < per-segs; anthers ± lobed at base. Ovary not beaked; style short with erect stigmas. Fr. a capsule. Seeds ∞, small, subglobose, dark-coloured, the hardened funicle and rostrate hilum forming two conspicuous projections; testa variously muricate. Lvs grass-like, linear-lanceolate to nearly filiform, us. hairy. Some 80 spp., widespread—Africa, America, parts of Asia, Australia—but the genus sts subdivided.

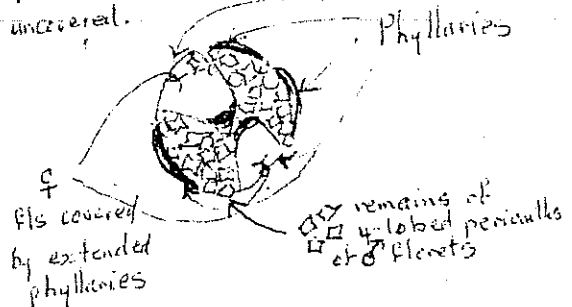
1. *H. pusilla* Hook. f. *Fl. Tasm.* 2, 1858, 36, t. 130B.

Small to minute tufted summer-dormant herb. Roots mostly fibrous, a few fleshy and contractile. Corm to 5-8 mm. diam., subglobose, seated on a stack of saucer-shaped shrunken earlier corms and surrounded by fibrous, ± reticulate remains of old lf-sheaths. Stem erect, very short. Lvs 1.5-18 cm. X 1-2 mm., varying in size according to habitat; sheath closed; lamina narrow-linear, slightly fleshy, channelled and with rounded keel, subulate towards tip, glab. except for minute marginal cilia. Peduncle arising from within sheath of associated lf on side opp. lamina, sts as many as 6 peduncles in

Members are asked to keep an eye open for a form? of *Cotula squalida*? which is monocious. An apparently ♂ flower head when "in bud" has a few ♀ florets just inside the phyllaries.



If ♀ florets are present & set seed, the phyllary(ies) nearest these elongate and curve over the top of the capitulum, but the remaining phyllaries do not elongate. So in an old flowerhead one sees a few long phyllaries (covering the developing seeds in the ♀ flowers and the remains of the ♂ florets) remaining uncovered.



This plant has been found near the lake margins. Samples suitable for growing and some for herbarium specimens together with their locations for a distribution map would be appreciated. hunting!