

5.

N. S. Wales.

Malva cal. 5 parted, carpels 5 distinct. fol hastate dentate,  
New Castle.

Trionum if T. vesicarium wild situation. New ara.  
fol digitate.

Sterculia heterophylla - Curry jong. 30 ft. and spreading  
fol sometimes 3 fid. Penn. Bawn

Rubingia corytifolia. 16 to 18 ft. Sydney.

Lasiopetalum fol lanceolate cordate at base. Sydney.

" fol lin. laev. "

Dodonaea - - - - - not viscos, Sydney -

- - - - - excessively viscos, Penn Bawn

- - - - - but pinnated leaves fol 3 fid. apex, shrub, Penn Bawn

Coccoloba - - - - - toment fol white below, Newcastle

S.E. Australia.

*Eleocharis* - - - - - perhaps only  
planted Sydney

*Hypoxis* - - - - - linear leaved,  
Pewee Pewee  
- - - - - fol ovate glaucous  
below. Hawara R

*Dodonaea* - - - - - not viscous,  
Sydney -  
- - - - - excessively viscous,  
Pewee Pewee  
- - - - - but pinnate  
leaves fol 3 fid  
apex, shrub,  
Pewee Pewee

*Croton* - - - - - toment fol  
white below,  
Newcastle

Lupanoid ----- caps 3 cells  
1 seed, fol  
<sup>hairs</sup>  
pinnate, 4  
jugis, fol  
entire, stout  
shrub ravine  
near Pevern Breen

<sup>trichoid</sup>  
Thoumvid ----- caps 3 cells but  
also not much  
prolonged,  
fol irreg pinn  
entire foliol  
few, shrub  
low stunted

Sapiind ----- fol pinnate 3  
jug, cal 5 fid,  
caps 2 large  
seeds like  
evonym; ravine  
at Pevern  
Breen

Melac ----- Australian cedar, wood  
brought from the Blue mts  
(abundant mts. Illawarra R.)

Cissus ----- fol pubescent below,  
pinnate oppositifolia;  
Pevern Breen  
----- fol deeply 3 partite. Pevern  
Breen -----

----- lower leaves simple  
tolid, <sup>white</sup> 3 to 5 nate; ravine  
near Pevern Breen

----- rusty hairs, fol simple  
ovate dentate petiolate;  
Illawarra R -----

----- habit ampelops 5 fol,  
white below; Sydney  
if also Illawarra R -----

Gecanium ----- fls blue, common at  
Pevern Breen -----



*Diosmoid* ----- fol short linear  
 punctate, carpels  
 gland: Sydney  
 succulent  
 crowded leaves  
 large green  
 papill. Sydney

*Criostemon*? single terminal flower - Sydney.  
 " ericoid shrub about 10 pubes stamens - flos light purple solitary. Sydney  
 " large purple flos. pubescent entire. Sydney  
 " lance obtuse fleshy leaves. Sydney

*Boronia alata* ----- pinnate leaves  
 Sydney B.  
 fol oblong opposite  
 flr term. Sydney

(\* *Pomadouris* to *Kosackia*)  
*Ononis* ----- fol. tripol. dent.  
 Hunter

*Psoralea* ----- 5 fol. Bewan  
 Bewan

*Psoral*? ----- toothed  
 leaflets, Bewan  
 Bewan of Arwara

S. E. Australia.

*Pomadouris* --- north shore near Sydney B  
*Bosicaca* *Scelopendrium* --- common about Sydney,  
 --- *linophylla* --- Sydney B.

--- ? --- long lin. leaf pods like *Mimosa*  
 but short; lower Hunter

*Tillwynia* --- Ericoid shrub, fol lin. papill, pod  
 short appa. seed - Sydney B

--- of pseud ericoid leaves, very  
 short ovoid pod. Sydney B.

*Callistachys* --- pods long, soft hairs, Sydney B

*Howea* --- lin leaves, Sydney B.

--- shrub low leaf pod like *Avicennia*. Bewan Bewan

*Dausia* --- fol spinous at tip, as also young  
 branchlets. short pod; Sydney B.

--- branch not spinous, fol acic pointed? lin;  
 pod triang? Sydney B.

--- ? --- axill flos, fol soft hairs, Sydney B.

--- ? --- fol like *acac. lance coriac* obtuse, pod  
 trigon. Bewan Bewan.

*Podolobium trilobatum* -- Illicoid leaves common near Sydney  
*Jacksonia scoparia* ---- long naked raceme yell flos. long  
lin leaves, Sydney B & Illawarra R  
Seg --- bushy 6-8 ft, branchlets replace leaves wh mostly  
about but simple pod long stipitate mucron, seriac.  
upper Hunter ---  
*Pultenea palacea* ---- Sydney B ---  
--- fol 3 in green both sides ellipt, Sydney B  
--- fol ellipt obtuse 4 in, Sydney B  
--- mucronate n. show at Sydney. C.P.  
--- ? *Daviesia* habit, lin hispid leaves, sessile flos. Sydney  
*Gompholobium* --- cal inflat, short swell pod, fol ternat  
long linear; shrub; Sydney  
--- pod more globose, obtuse, fol ternate 1 in; Sydney B ---  
--- ? leaves fine linear twisted short, shrub habit of  
*Erica*; lower Hunter  
--- ? short inflated pod long lin lax leaf, Sydney B ---  
*Mibelia* --- ? dark purp flos, short hairy pod, fol lin  
pseudovestice, Penn Berrin  
--- ? fol lin op pungent, pod short stipitate  
didymous at base, lower Hunter & Sydney

Seg --- fol trifida broad apex Sydney. B. cf *Mibelia dilatata*.  
*Platylobium* --- cord entire leaves, broad compressed pods; Sydney B  
--- --- creeping, fol simple op, pod hairy; lower Hunter  
*Lotus* --- cf *gemiculat*? @; yell flos, introduced. Penn Berrin  
*Hosackia* --- purple flos common at Penn Berrin  
--- --- 2 sp broad leaf smaller flos, Penn Berrin

Indigofera? - - - - - 2 to 4 feet, pods shiny  
1 inch long. Bewen  
Bewen - - - - -

- - - - - 6 feet fol like Cassia,  
pods smooth; Bewen  
Bewen - - - - -

- - - - - fol. impari-pinn:  
6-7 jugis, foliol  
very small distant  
obovate; Bewen  
Bewen - - - - -

Leptrosia - - - - - much branching,  
leaves lanceol  
obtus; Bewen  
Bewen - - - - -

Swainsonia coruillipolia - - - large purple  
fls: inflat pod,  
ornamental.  
Bewen Bewen - - - - -



*Swainsonia gallegifolia*? - - - - -  
Lan, 6-9 jugis,  
small purple  
flos, Peru  
Bewu

*Phaca*

*Astragalus* - - - - -  
near *obcordatus*  
of Carolina,  
short inflated  
pod curved  
muro; Peru  
Bewu

fol lanc. acute,  
long naked pedunc.  
flos mid size;  
Peru Bewu

*Glycine* - - - - -  
slender triplicate  
vine, no flos,  
habit of *galactea*;  
near Peru  
Bewu

*Glycine*? 3 fol. foliol lance lin. long racemes purple flos. I llawara.

*Lepidusa* - - - - -  
cuneate mucronate  
leaves, Peru  
Bewu

*Desmodium* - - - - -  
Lan habit, long  
naked raceme,  
Peru Bewu

foliol. linear, Peru  
Bewu

or *Kennedia*, round  
leaflets, Peru  
Bewu

3 to 4 inch, branch  
at base, fol 3 fol  
retic; Peru  
Bewu

*Kennedia* - - - - -  
ovate reticent,  
leaves glaucous  
below, Peru  
Bewu

*Kennerleya* ----- long pubescent  
pod, fol white  
below large  
flos lower  
Hunter  
-----  
----- *rubicunda* ----- *gracilis* & *glauca*

*Phaseolus*? ----- long linear  
lanceolate leaves,  
pink flos; *glauca*  
~~gracilis~~

*Lupinus*? ----- herbac, 6 feet  
branching pub,  
shore of Hunter  
near Newcastle  
perhaps int<sup>red</sup>

*Cassia* ----- tall tomentose,  
large yell flos;  
Pewee Pewee

*Cassia*? ----- but short inflated  
pod, foliol linear;  
*gracilis* B -----  
-----  
----- *gracilis* 2<sup>d</sup> sp. larger,  
foliol ternate linear,  
*gracilis* B -----

*Sesbania* ----- fol pinnate, foliol  
large linear-stipules  
long, compressed  
pod, 1 foot Pewee  
Pewee of acacia

*Acacia* ----- lin lanceolate  
leaves, capit in  
racemes; Pewee  
Pewee

----- bipinn: capit in  
tern panicles, large  
shrub; Pewee  
Pewee

Acacia

fol lin inch, 2 ft.

Perum Beum

Phyllod lin lanc.

1/4 in, legumes pennis

Perum Beum

Somewhat sensitive,

decumbent, yell

flos; Perum Beum

weak branch phyll.

acimaciform hispid

Sydney B

Sydney B

Long linear phyll.

Sydney B

Phyllod sparse

long linear, capit

in long pendant

racinus; Sydney

Phyllod linear,

capit in comp

branching racines. Sydney B

juniperina

ve

Acacia - verticillata linear recurv phyllod. Sydney.

Acacia

Phyll long linear,

long racinus; flavo

Phyll broad falcate

scabrous, capit axillary

Sydney B

Phyll smooth broad

falcate 2 in; Sydney

Phyll long linear,

Sydney.

fol about 5 pinnate

12 jugis foliol ellipt

white below; Sydney

linifolia

Phyll linear capit

in racinus, Sydney

1 foot, Phyll linear

verticil reflexed

apex, 1 capit from

each work; Sydney

Cassia lance gland

saice brought

from Botany

Bay

near juniperina. shrub but habit young branch smooth Sydney.

*Rubus* - - - - - 5 leaved smooth  
full of spines, Allawana  
fol white below  
common near Sydney  
2<sup>d</sup> sp. fol larger  
less white below;  
Allawana R  
fol broad 3 lobed  
white toment  
beneath; Allawana

*Acaena* - - - - - flos in long raceme  
capsule like minute  
*Xanthium* but  
spines not barbed;  
heights near Bowen  
Bowen

*Ancistrum* - - - - - capit globose,  
"sea beach at  
Allawana" R

*Persica* - - - - - "Chinese peach"  
red flos fr & stem  
smaller than  
other; cultivated  
in Mr McLearys  
garden - - -

*Epilobium* - - - - - lance dentate  
leaves; ravine  
near Bowen  
Bowen - - -

*Myriophyllum* - - - - - very long  
stems, short  
leaves; *Hantu*  
at Patricks  
plains

*Mitrosaurus*

*Haloragis* - - - - - minute foliage  
 broad reniform;  
 abundant in  
 bogs Newcastle  
 and Sydney  
 1 ft, strigose, fol  
 lance toothed  
 alt; Peum Beum  
 fol alt lin lacin,  
 long spike, 1 foot;  
 Peum Beum  
 fol subop, lacin,  
 long linear, long  
 flos; Peum Beum  
 fol ovate dent  
 hairy; Sydney B  
 long weak stem,  
 broad short and  
 dentate leaves;  
 Mlawana R

branching, fol  
 linear lanceolate  
 mostly opposite;  
 Sydney B.

*Syzygium* - - - - - fol amples  
 scabrous, flowers  
 towards end, more  
 robust than ours;  
 Mlawana R

- - - - - very minute flos,  
 near patagonian  
 sp, outskirts of  
 Sydney wet  
 situation

*Eucalyptus*. flos in term raceme. Upper Hunter  
 " axil capit. large bract. Sydney

*Eucalyptus* - - - - - broad leaves  
 axillary peduncles  
 umbels; upper  
 Hunter

Angophora - - - - - low, large leaved  
shrub; common  
near Sydney - -

- - n.g. - - - - - compound fruit;  
Sydney B. - - -

Mitrosideros - - - - -

- - - - - ?

- - - - - ?

- - - - - ~~by~~

Arctostaphylos

Calothamnus - - - - - shrub, scarlet  
flos, bog near  
Sydney, lance  
leaves: - - -

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(Melaleuca magniflora Ixodia)

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S. E. Australia -

Melaleuca - purple petals plumose, shrub 4-6 ft, common  
in bog at Sydney & Newcastle

Myrtac - spreading tree 60-70 ft, habit Eucalypt  
but fol oppos, common on upper Antip  
fr ribbed -

Calyptrix - 5 petals, stem ~~mon~~ 1 style, fol slightly  
retuse, Sydney B -

- - - ? cal long <sup>terminating</sup> tubular in 5 long awns, 2 bracts  
at base, shrub 2-3 ft, linear scattered  
leaves, high at Penn Bawn.

Myrtac - ? but fol all dotted, stem polyadelphic,  
axill few fld cyme, Illawarra Rich

Leptospermum - fine Ericoid leaves - Sydney -

- - - fol broad obov 8-10 in; cf Beauportia. Sydney

- - - linear pointed leaf, marshes near Sydney B

- - - fol lanc acute 1/2 in punctate, Sydney B -

- - - fol 1 in oblong rather obtuse, Sydney B -

- - - ? flos in term clusters, cal cybica pubesc, fol smooth obov, Sydney B

- - - much habit of Epacris, Sydney if also Illawarra -

- - - & epacroid. fol still smaller obov. triguet.



gen ... lax habit compressed fr; Sydney & Newcastle -  
Umb ... fol coarse dent, hairy, fr striate, Sydney B -  
Melosiadium modiflorum? low Hunter introd but if  
~~pinicoides~~ leptophylla

Toilis ... abundant at Penrh. Beven - perhaps introduced  
but pinicoides.

Saucus? multifid leaves fr short hispid, Penrh. Beven

Actinotus heliantha ... large Sydney & Newcastle common  
... small sp, abundant everywhere at Newcastle & Sydney

Umb ... low branch suffrut fol 3 fid flos solit fr striate,  
Sydney B

Opium ... procumb small fruit, Illawarra R.

ign ... fol like prostanthera but alt, flos 3 or 4 short  
bleaued invol, capit small axill, Sydney B

Aralioid ... but 2 styles habit a racemosa; n. h. near  
Sydney

Scoranthus ... near Samoan, fol oblong atten, Illawarra Rich

... possibly 2 long lanc leaves, Illawarra Rich

... perhaps dif no flos, lanc obtuse leaves; Sydney B

Sambucus? fol trifol. pinnate or simple 10 feet  
wild, Illawarra Rich

Galium ... hispid 3-9 in. 6 lin leaves, fr shiny smooth,  
common at Penrh. Beven

Coffiac ... interned steps becom decid hairy berries red  
inferior, shrub Illawarra Rich

Coprosmod ... shrub habit beanish microphyll berry 2 seeds  
cal 5 fid, Illawarra Rich

Pomax? ... 1 ft. axill prickly fr; upper Hunter multicaul

... perhaps dif; Sydney B, more scabrous than following  
shorter leaves

... large hispidul capit long pedicell, Sydney C.P.

Aperculana ... leafy, fol broad lanc petiol, Penrh  
Beven

... smooth Sydney C.P.

Calotis cuneifolia ... Anthemoid habit, akin 2 awns.  
and paleae upper Hunter common

Asteroid ... invol 1 serial, lin leaves, purple herb,  
Penrh Beven

? low smooth invol 2 serial, fol lin, flos single  
terminal. Penrh Beven - (if pinicoides)

Belliderostoid ... flos inconspic, scapes several, fol radical  
spatthul dentate: Lower Hunter



*Eclipta*? ... but flos yell when dry, fol lanc entire, Perven Berven -  
*Blumea*? ... fol lanc dent flos purp - 2 ft - Perven Berven -  
*Stivoid*? ... but incised leaves Perven Berven = common --  
*Arnicoid* ... invol scales very num scarios, <sup>fls large</sup> large tern yell rays fol  
lanc integer - Perven Berven -  
*Compositae* ... stemless, fol large spatul white below, capit rather  
large, Perven Berven - common -  
*Siegesbeckia* ... broad leaf long lacin - Perven Berven  
*Bidens* ... fol mostly radical lacin linear - Perven Berven  
*Gnaphaloid* ... incan. capit perfect globe yellow, Perven Berven  
... but fol oppos small oval yellow capit, near Bannan's  
upper Hunter ---  
*Gnaphalium* ... capit clustered inconspic, fol white below  
leafy broad at base stem, Perven Berven  
... incan branching flos yellow, Perven Berven -  
... flos yell corymb fol lin glutinous perenn. Perven Berven  
... capit in tern clusters surrounded by long lin leaves  
incan below, Perven Berven ---  
... flos white in large corymb. Perven Berven ---  
... capit yellow panic, fol incan, Perven Berven ---  
... white corymb, support rigid, stem hairy, fol short lin lanc  
(Lower Hunter ---)

*Helychrysum* ... incan toment fol lin rays mucron  
Perven Berven -  
... lin glutinous leaves; Perven Berven -  
... white flos small lin leaves; Perven Berven -  
... large white flos: fol lin, green above, white below;  
Perven Berven -  
*Ammobium alatum* ... Perven Berven ---  
*Isodia* ... fol lanc lin alt white below. Mlawana Perven  
... perhaps diff shrub 2-4 ft common Perven Berven &  
Achillea habit

Cacalioid ----- fol few amplex entire,  
flr single terminal,  
Illawarra Rich

Senecoid ----- few large yellow rays  
like Coreopsis, smooth  
fol. alt. pinnate pectate,  
Puen Puen.

Senecio? ----- yell flos. in naked  
corymb. fol long lin lacini  
of Nasia? Puen Puen  
small flos. leafy pet  
stipose. Puen Puen

----- corymb. fol ovate. 6ft.  
serulate; lower flatter

----- no rays fol deeply  
pinnatisect. Illawarra

----- no rays? 1ft. fol lance  
scabrous distant  
teeth. Sydney

Senec. nigra? ----- small yell flos.  
spreading long lin  
few lacini. Puen Puen

Linna - - - - - near Polynesian

Cotolonia - - - - - fol smooth spatulate  
dentate, lower Hunter  
2<sup>d</sup> sp larger flowers;  
lower Hunter.  
if No. 1 fol sheathing  
alt. flos yell; abundant  
in moist places Sydney

Anthem - - - - - of Magellan genus invol  
simple about 8 phyll,  
fol pinnatisect, in cultivation  
Newcastle

Anthemoid - - - - - minute herb branching  
divided leaves - about  
houses Puen Puen

Comp - - - - - capit<sup>small</sup> globose spring solit  
tern. fol. alt linear; P. Puen.  
yell flos no rays invol  
multiserial cause  
long naked peduncle  
fol lance. acute <sup>Puen Puen</sup> vert

Asteroid - - - - - seeds compressed

Lewisia fol lyrate pin. (of Australia land?) Puen Puen

Centauria spring capit yellow flos Puen Puen introduced?

Hieracioid. invol 2 to 3 serial. flos yellow fol lance septile  
height 2 to 3 ft. branching. Puen Puen

Tonchus. decided native. thick succulent leaves maritime N. Castle

linear grass like  
leaves; Puen  
Puen. abundant  
if Sydney species?

cal hairy fol  
lance toothed;  
Puen Puen

Laia - - - - - near Polynesian

Botolonia - - - - - fol smooth spatulate  
dentate; lower Hunter  
- - - - - 1. P. B. B. B.

Anthura - - - - - of Magellan genus invol  
simple about 8 phyll,  
fol pinnatisect; in certain  
Newcastle

Anthuraoid - - - - - minute herb branching  
divided leaves - about  
houses P. B. B. B.

Comp - - - - - capit<sup>small</sup> globose spring solit  
tum. fol. alt linear; P. B. B. B.  
- - - - - yell flos no rays invol  
multiserial canuse

Asteroid - - - - - long naked peduncle  
fol lanc. acute <sup>P. B. B. B.</sup>ent  
- - - - - seeds compressed  
margin hairy fol  
trifid apex invol  
multiserial, rays? <sup>P. B. B. B.</sup>

Whalenbergia? - - - - - small blue flos  
linear grass like  
leaves; P. B. B. B.  
B. B. B. abundant  
if Sydney species?

- - - - - cal hairy fol  
lanc toothed;  
P. B. B. B.

\* Lobelia s-

Leucapogon

like Tahiti, but larger, Sydney

herb a young branch pubescent. P. Boer

flos inconspic very small. Sydney B

caps like white buds, axillary

racemes; Sydney

perhaps diff. shrub with spreading

top, 9 to 13 feet. N. B. Castle

Dracophyllum

habit Cliftonia, long leaves, Sydney

Illawarra

smaller - Illawarra

perhaps diff. Sydney

Styphelia

small white flos, hairy inside, fol

lin acute. Sydney B

flo ten clust, fol

1/10 in obtus. Sydney B

\* S. E. Australia.

S. E. Australia.

Lobelia... long lin capsule like Anothura cf L. Alata -

lower Hunter - - -

vola habit, weak herb, fol ovate dentate, banks streams Peven Beven

habit Lobelia longiflor, fol lyrate deep incised linear segm, long tub corol; Peven Beven

smooth, fol few lanc, long spike of deep blue flos - Peven Beven -

simple fol few lin, flos blue large, caps oblong - Peven Beven -

fol lyrate dent hairy, flos long pedunc blue, common - Newcastle

hairy large purple flos, Newcastle, occasionally -

succulent Anothura habit, short cal teeth; maritum sands Newcastle -

Gooden, long tub, small flos, lower leaves dentate; Illawarra Rich -

Velleja lyrata? - large yell rad, leaves lyrate pinnate - Peven Beven -

Euthalea? ... but caps super & spur to corol like  
antirrhin, pet yellow inside, fol rad obov  
atten, Pieman Boven -

Dampiera? ... corol pubescent, extern, flos mostly terran  
smooth, multicaul leaves like Baccharis,  
Lower Hunter -

Goodenia -- fol large cordate denticul, flos yell; Newcastle  
-- fol mostly rad, scapes num corymbose branch bracts  
cordate small, flos yellow - Sydney B -

-- creeping, fol ovate dent, flos yell long pedunc, Sydney B  
-- if groups habit pratia large prostrate rad fol  
spath, Illawarra Rich -- maritima --

-- fol mostly linear, flos at summit yellow, Sydney B -  
? leafy herb weak, decumb Roella habit, fol lanc 1 in  
toothed - Sydney B -

Stylicium -- stem and margin of leaf slightly hairy Newcast  
-- -- -- cal glandular pubesc, Sydney B -

-- 3 ft, long grassy leaves pubesc panic, Illawarra Rich  
-- smooth glassy leaves stem prolixa sometimes 3 tiers of leaves, Sydney

-- finest leaves not ciliate on margin, Sydney B & C.P. -

Epacris? -- reflexed leaves sessile axill flos, lower Hunter  
-- -- -- broad large leaf long tub flr like Conium, Sydney B

-- grandiflora -- flos tub scarlet, yellow apex ~~scarlet~~. Sydney -

-- ? flos rather large fol not pointed - Sydney B -

-- pulchella -- Sydney B -

-- large leaves & flos, Sydney B -

-- minute ~~flos~~ leaves crowded flos - Sydney -

-- ? fol in mucronate - Sydney B & C.P. -

-- very short broad reflected leaves - Sydney B & C.P. -

Leyceinema -- large white funnel shaped flos - Sydney B -

Monotoca? -- racem & axill fol lanc obtuse like Leptosperma

fr 5 ang: Pieman Boven -

Asteranthus a pinifolia -- 6-12 in common near Sydney -

*Sprungelia*? - - - - - long scarious bracts,  
by Tany B

*Dipsanthe*? - - - - - imbricate scales  
like *Lysimena*,  
white axill fls, fol  
lance 1/3 in obtuse, Syony

*Aristoloma humifusum*: - - - white sand near  
Syony replaces in  
some measure  
N Am *Pycnanthus*

*Sheffieldia* appear dif from NZealand; shore Sydney harbor

*Amagallis* - - - - - introduced low.

*Aegiceras fragrans*. arboresc. maritima Hunter  
6 to 20 feet Sydney harbor

*Notelea* or *Olea*? fol broadovate smooth retic. fls raceme. Hunter, Syd.

*Jasminum* - - - - - fol broad ellipt  
pedunc. lower Hunter

" ? *Echites habit.* sub scand. fol. op. lin. cal 5to; Test; P. Brien.

*Marsdenia* <sup>suaveolens. R. Br.</sup> *suaveolens* Br. - 1 foot upright  
branching pubescent  
stem and marit.,  
fol ovate smooth.  
hills at Newcastl

*Gomphocarpus* - - - - - prickly inflated  
fruit, herb 2 to 3 ft,  
Sydney

*Gonoloboid* - - - - - tender herb small  
purple flos, fol  
ovate acuminate  
petiolate; Illawarra  
e<sup>d</sup> sh small; Sydney.  
smaller Illawarra  
purple delicate  
flos; Sydney  
of pricea

*Echitoid?* -  
tender and axillary  
panic fol oblong  
ovate, petiolate  
retic velutin below,  
vine. Illawarra

*Cynanchoid* - - - - - short pubescent,  
flos very small,  
greenish, fol ellipt  
smooth above; Illawarra

*Erythroca* - - - - - Illawarra Rich  
broad leaved.  
lower struts of  
priced?

*Gentianoid?* - - - - - - - - - - - - - - - - -  
op lin leaves.  
capit like Allin.  
large scarios  
invol; Sydney B



*Callaevia parvifolia* Bx 3 to 5 feet, foli-  
ovate cordate,  
flos yellow caps  
half inferior,  
seeds hispid;  
marsh on lower  
stratum

*Mitrasacme* ----- very hairy;  
Sydney B  
small flos;  
Sydney B

*Bignonia* ----- compound leaf;  
ravine at  
Pewee Beem  
delicate vine  
foliage opp  
pinnate, no  
flos Sydney

*Dichonaea repens* Bx ----- white soft lanug,  
ridge at Pewee  
Beem.

*Convolvulus* ----- of Altheoides but  
flos very small,  
Pewee Beem perhaps  
introduced?  
5 leaved pink  
flos; Illawarra

*Calystegia* ----- fol hastate lobes  
toothed, flos  $\frac{2}{3}$  in  
whitish purple  
center; Illawarra  
near to Saldemalla  
Manitowish  
Illawarra, Pick

Echinopspermum ----- rad leaves above  
attenu; hills. at.  
Pewee Bewee  
Pul

Pulmonaria ----- hispid fol ovate  
petiolate white  
dots; hills. Illawarra

n.g? Calceate ----- branching crown  
lip inflated fls  
blue. Sydney

Prunella vulgaris ----- Illawarra River  
doubtless introduced

Sabat? ----- habit Verbena  
officinal, fls  
large; lower  
Mount

Ocyrum ----- long naked racemes,  
fol broad ovate  
base dentate hairy;  
ridges at Pewee  
Bewee

Scutellaria ----- lax decumb  
fol: cordate  
coarse toothed;  
ravine at Pewee  
Bewee

Sycopus ----- long pointed  
calyces. Illawarra  
River

Cumila? ----- entire linear  
leaves; Pewee  
Bewee  
----- cal equal, <sup>striate</sup> corol also;  
Sydney B if preced.

Salvia - - - - - but 4 stem, coarse herb  
2 feet. fol ovob. dent.  
cal hairy equal teeth,  
corol 2 lipped;  
Penin Penin

Prostanthera - - - - - calyx 2 leaved,  
Illawarra Rich.  
- - - - - ? - - - - - fol linear vert in  
35; Sydney B  
- - - - - 2 cal leaves,  
fol ovate entire  
1/2 in dense strigosa;  
Sydney B - - - - -

Mestringia rosmarinifolia - coast at  
Illawarra &  
Sydney also  
Newcastle

Salv - - - - - low erect shrub,  
cal lacin long  
~~ovate~~ acute equal,  
fol mostly in 3's  
Sydney B - - - - -

Cerodendrum - - - - - fol hairy; lower  
stems.

Verberna - - - - - if officinalis but  
fol summa more  
divided, Illawarra  
Rich - - - - -

Artemisia - - - - - arborescent &  
mautim 6  
to 20 ft; shores  
of Sydney -  
harbour - - - - -

Puellia ----- fol petiolate  
broad undulate,  
margin hairy;  
Pewee Pewee

Justicia <sup>o</sup> ----- ramis strictis 6-8 in;  
abundant on  
upper Hunter  
fol distinct  
lanceolate obt  
short, flos in term  
spike like  
Verbena, purple  
and ornamental;  
Pewee Pewee

or Puellia  
habit of low  
Chilensis; lower  
Hunter

Pedicularioid ----- <sup>o</sup> ----- 1 ft upright  
pectinate leaves,  
white flos;  
hills at Pewee  
Pewee

Bartsia <sup>o</sup> ----- or Euphras, small  
dentate leaves  
long term raceme;  
Sydney <sup>B</sup>

Veronica <sup>o</sup> ----- habit decumbent  
Krothna multica  
Pewee <sup>flos white.</sup> Pewee

Gratiola ----- near Virginia,  
small whitish  
flos. fol ovate  
lance; moist places  
in lower Hunter

Veronica ----- of Agrestis, introduced  
Sydney B -  
" ----- foli like ribes, racemes  
axill, sepals 4. -  
" ----- introduced. Sydney  
introduced pilosum  
of Europe? large flo.  
Illawarra Rich

Bartsia ----- but flos appa-  
runt large, cal  
deeply 5 parted.  
Sydney B

Utricularia flos deep purple or blueish. Sydney  
" perhaps 2<sup>d</sup> smaller, more num flos. Illawarra

Necandra physaloides ----- introduced  
Sydney B  
Anthocercis ----- Sydney B

Nicotiana undulata Pr. ? ----- long linear tube  
mouth not  
spreading foli like  
long atten; common  
on banks of stream,  
Upper Hunter

Solanoid ? ----- shrub 3 to 6 feet,  
fol lance. entire.  
coriac, berry size  
pea flos not seen?  
Pewee Pewee

Physalis ----- introduced,  
pubescent of cap  
goose berry Sydney  
B

Stackhousia ----- common Sydney  
" ----- fol short linear Pr. B.  
" ----- like last but  
stout upright  
Pewee Pewee

Solanum - - - - large broad lyrate  
spiny leaf toment  
below, large <sup>fruit</sup> Pewee  
Bewee

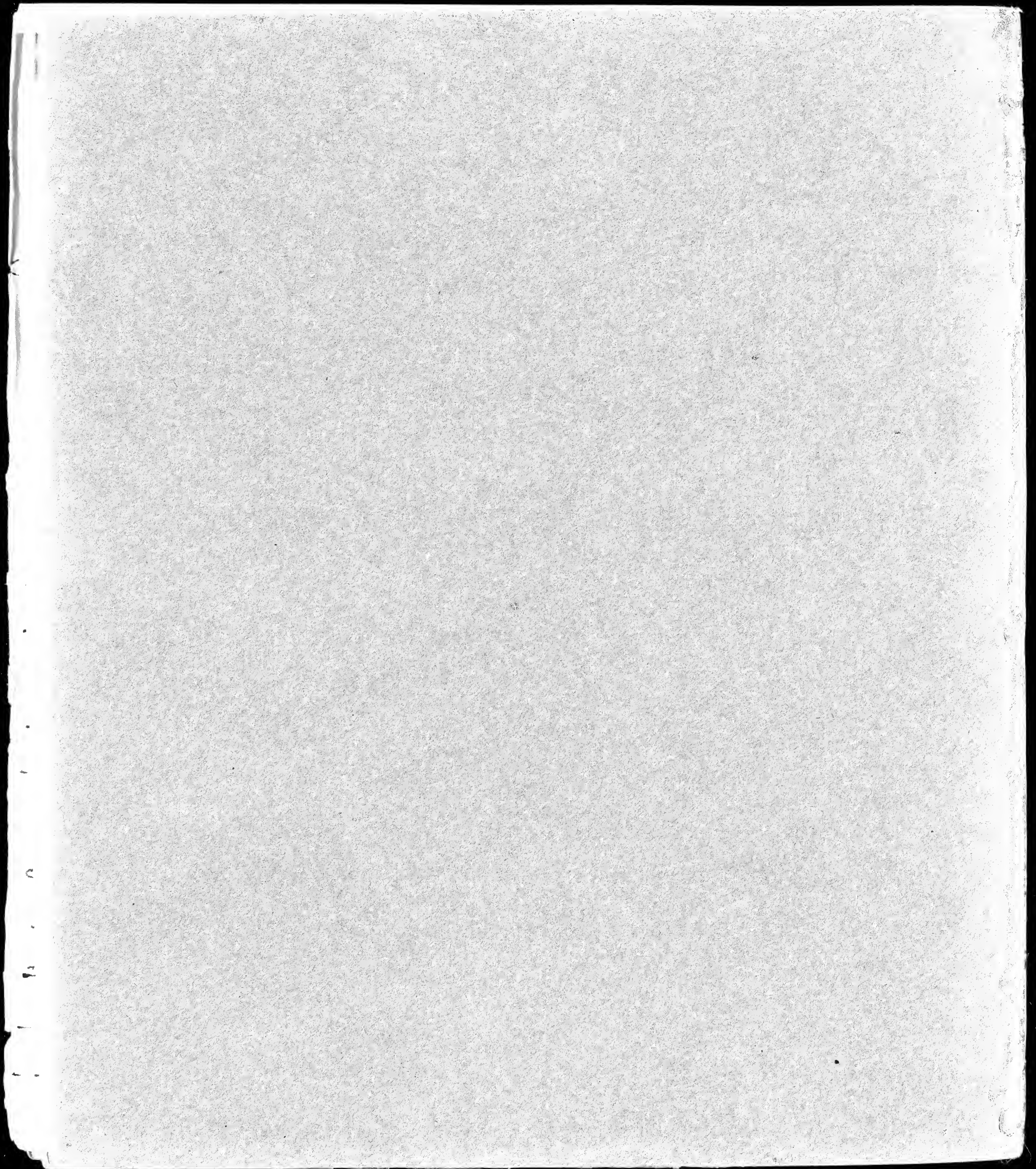
- - - - coarse lanceolate  
spiny leaf toment,  
hills at Pewee  
Bewee

- - - - near nigrum  
broad dentate  
leaves. Pewee  
Bewee

- - - - 1 foot spreading  
lobed leaves  
very prickly large  
blue flor; road  
side at Pewee  
Bewee

- - - - laciniatum - - - road side.  
Patrick's plains

" " prickly leaves purple, shaded. mag. - Shawano  
" nigrum? Shawano



6

W. S. Males



S. E. Australia

†

Ficus - - - - - fol soft, rusty pubesc  
below, fr size pea; ravine  
at Pewee Pewee

- - - - - like Samoan asper  
fol ovate ungu base;  
Mlawara Rich

- - - - - large commences as a  
vine and strangles  
trees taking their  
place; Mlawara Rich

- - - - - spreading tree soft;  
shore of Sydney harbor  
no specimens

Urticoid - - - - - very small dentate  
leaves, lower Hunter

Procris - ? - - - - fol lance ovate; Mlawara  
Rich - - - - -

missed

*Peperomia* - - - - - leaves in 4's.  
*Mlawana* Rich.  
*Piper* - - - - - scandent to  
 tops trees fol  
 7.5 nerved cord  
 ovate fr on long  
 peduncles;  
*Mlawana* Rich

*Salix* - - - - - cult in garden

*Quercus robur*? - - - - - english oak,  
 cult at Sydney  
 but not thriving

*Casuarina* - - - - - long slender arbo.  
 large fr; Penon  
 Penon, perhaps  
 pseudo oak 40  
 to 60 ft. upright.

*Pteris* - - - - - habit of *Asplenium*  
~~obovatum~~ but larger.  
 Penon Penon.  
 " - - - - - like *cordata* N.Z  
 abundant forming  
 beds -  
 " ? - - - - - simply pinnate,  
 Blackman habit.  
 Penon Penon.

*Davallia* near *Canariensis*; Penon Penon - Sydney t.

*Xochochana*. Suck upright chaffy; P. Penon

*Cheilanthes* smooth green multipartite, 9 inch; P. Penon & Illa

*Phelipteris*? but pin only dent. lower Hunter

\* *Dicksonia*? hab. near N. port marginal - Sydney.

" ? narrower than *Mlawana* sp. Sydney.

*Blechnum* segments serrate. Marsh. Hunter.

" large seg. serrate if proceed. Sydney

*Polypodium* tri pin. spicad. Marsh near green hills

" very large fol 4 pinnate sect. Sydney.

" creeping, segments acute, habit E. Ind. but  
 more finely divided. *Mlawana*.

" creeping & epiphyt. seg tips acute

*Peperomia* - - - - - leaves in 4's.  
*Illawana* Rich.  
*Piper* - - - - - scandent to  
 tops trees fol  
 7-8" nerved cord  
 ovate fr on long  
 peduncles;  
*Illawana* Rich

*Salix* - - - - -

*Quercus robur*

*Casuarina* -

*Pteris* - - - - - habit of *Asplenium*  
*obovatum* but larger.  
 Fern Benn.  
 " - - - - - like *cordata* N. Z  
 abundant forming  
 beds -  
 " ? - - - - - simply pinnate,  
*Blackman* habit -  
 lower Hunter.  
 " - - - - - habit *aspid. exaltat.*  
*Illawana* Rich.  
 also Sydney  
 " - - - - - very long linear  
 segments, *Illawana*  
 " - - - - - ~~very long linear segments~~  
*Illawana*  
 " - - - - - habit small  
 Polypod, 6 to 8 in;  
*Illawana* Rich

*Nephrolepis* - - - - - fr broad above,  
fertile more  
elongate. Illawarra

*Schisaea* - larger than n. am. simply pinnate. - - - - - Sydney

Adiantoid - habit of *Gleichenia* - - - - - "

*Gleichenia* - - - - - normal but  
rather small.  
Sydney B

" - - - - - segm long  
linear pinnate  
Sydney -

" - - - - - of Rich, Sydney B

Adiantoid? multilobed broad frond. pubes. stipe - of *Dicksonia* - Illawarra  
multilobed

Adiantoid - - - - - *Dicksonia* habit ~~*Gleichenia*~~  
Sydney B.

Asplenoid - - - - - somewhat hab  
slimicum but  
fertile fronds  
appear distinct  
like *doodia* Rich  
Sydney.

S. E. Australia -

*Plantago* - - - - - an lanceol. introd. - Penn. Beun

- - - - - o lin lanceleaves, common in some spots, Upper Hunter

- - - - - slender spikes rather broad leaves, Sydney B -

- - - - - hairy spatulate leaves, scapes decumb, flos few,  
scattered; Illawarra Rich -

- - - - - like *Madura* sp, multicaul dense villose, Illawarra  
maritime Rich.

*Boerhaavia* - - - - - prostrate, flos rather numerous, common  
on upper Hunter

- - - - - possibly 2? with more scattered flos, fol ovate  
somewhat lanceolate; Penn. Beun -

*Philoxerus* - - - - - smooth upright axill clusters; Penn. Beun

*Alternanthera* - - - - - Mussel Brook -

*Salicornia* - - - - - maritime shores of Sydney harbor,

*Atriplex*? - - - - - slender hastate leaves like *acetosella*;  
Penn. Beun -

- - - - - ? leafy fol white lanc no flos, maritime sands  
Newcastle -

- - - - - near *A. arenaria*, crowded term raceme, fol lanc  
white, Illawarra Rich of Penn. Beun -

Chenopodioid - fol lin lanc. flos small like Phyllanth, but 5 petals, lower fluminate?

Chenopodium - - - - - near maritimum "Lake" at Illawarra, maritime Rich

Chenopodium - - - - - fol lin lanc flos small like Phyllanth but 5 petals lower fluminate

Chenopodium - - - - - 2<sup>d</sup> sp near marit, Sydney B -

Phytolacca - - - - - term raceme, fol broad lanc, Sydney B

Polygonum - - - - - near sagittifol, fol almost linear auric base, swamp on lower Hunter. Green Hills -

- - - - - scandent fol hastate. Penn Berum -

- - - - - bis? large split ochrea; Illawarra Rich -

- - - - - like mite wet places; Illawarra Rich -

Acetosella - - - - - fol simply spatul, Sydney B -

Rumex - - - - - upright slender fol lanc no granules valves crested long setae. Penn Berum

Leassytia - - - - - flos smaller than Polynesian. Newcastle

- - - - - smooth smaller than A. Sea, lower Hunter

- - - - - 3<sup>d</sup> sp thicker than A. Sea slightly pubescent, Sydney B -

- - - - - pubescent - - - - - pubescent Sydney B -

" - - - - - large smooth, fruit very hard - Sydney  
Lauroid? - - - - - fol glauc entire acute at each end cal about 6 cleft; - Illawarra - Rich

S. E. Australia.

Persea... small tree 15-20 ft, fol lin lanc acute young stems pubescent; hills at Penn Berum

- - - - - linear - - - - - Sydney B

- - - - - broad leaved smooth small tree 15-20 ft common at Sydney & Newcastle?

- - - - - Ericoid but rather large strigose leaves, Sydney

- - - - - lanc leaves, Sydney B & C. P. -

- - - - - ? fol lin pin, flos mostly ten small; Sydney B -

Hakea - - - - - thick cylind leaf Sydney B -

- - - - - fol obov. attenu fr wood sudy; Newcastle -

- - - - - rigid tortuous shrub branching 3-6 ft. small spiny caps, Sydney B & C. P.

- - - - - toment leaves; Sydney B & C. P. -

- - - - - slender subul leaves; Sydney B & C. P. -

- - - - - 8 ft simple small fruit; Sydney B -

Banksia - - - - - long leaved green both sides, Sydney B -

- - - - - very broad leaves pubescent below; Sydney B -

- - - - - linear; Sydney C. P. -

crucifolia - - - - - small branching tree 20 ft; Sydney

- - - - - lanceolate few teeth; Sydney -

- - - - - lance entire leaves. fr small; Sydney

... fol serrate dent, white below, young stems & leaves  
 rusty; Sydney B. -  
 ... broad ana larger leaves; Sydney B. -  
 ... smallest lin leaf somewhat habit of Isopogon; Sydney  
*Grevillea blechnifolia* ... cult from Mouton Bay  
 ... oval pubesc small leaves, Sydney  
 ... lin lance leaves slender habit; Sydney C.P. -  
 ... 4<sup>th</sup> sp Sydney C.P.  
 ... fol 3/4 in broad lance pubesc below & stem; Sydney  
 ... robust... leaves & habit young oak, 15-20 ft, cult fm Mouton Bay  
*Somatia salicifolia* ... 2-3 ft; common at Sydney -  
*Telopea speciosissima* ... shrub common near Sydney  
*Xylomelum pyramiforme* ... shrub Sydney B. -  
*Lambertia formosa* ... 2-3 ft common near Sydney  
*Petrophila* ... white flos. scales acum: Sydney B. -  
*Isopogon* ... compact cone segm (leaves) cylindrical; Sydney B & C.  
 ... ? flattened segm; Sydney -  
 gen prot ... shrub 1-2 ft. brisoid plicate leaves, flos  
 ... stem - clust pink tips, common at Sydney -  
*Stenocarpus* ... racine or corymb on long naked pedunc  
 ... 1-2 ft. common at Sydney -

... 2<sup>d</sup> sp. fol lance sin num - Sydney B. -  
 ... 3<sup>d</sup> sp leafy almost to sumer - Sydney B. -  
 ... 4<sup>th</sup> sp short leaved villous stem; Sydney B. -  
 ... 5<sup>th</sup> sp fol short linear - Sydney B. -  
*Daphne* ... north shore near Sydney C.P.  
*Pinelae* ... smooth, fol lance broad floral leaves, common  
 on upper Hunter  
 ... short lin leaves, no invol, long soft hairs, Penn. Berman  
 ... smooth lin lance leaves, Sydney C.P. -  
 ... 18 in much branched fol oblong lin, Sydney B.  
 ... invol multicaul, lin lance leaves. Sydney B.  
*Thesium* ... lin leaf multicaul branch, Penn. Berman  
*Procaps* ... 30 ft straight stem habit of Casuarina but  
 dense branchlets - Sydney & Penn. Berman -  
 ... cal not fleshy; Illawarra Rich -  
 ... syris habit fol rare, minute, ovate, sessile; Sydney B. -  
*Aristolochia* ... small cuping, rimose leaves, no flos.  
 ... maritime Newcastle  
*Amperea* ... corol 4 pd stam about 8 & anthers very  
 small; Illawarra Rich & Sydney -  
*Euphorbia* ... glaucous habit cordate ill; Penn. Berman

- 1 ft upright long lin leaf; Peewee Beem -  
 --- like maculata; low appressed, Peewee Beem -  
 --- larger leaves than ~~1st~~ crowded, maritime Newcastle  
 --- if Lamsan; Illawarra Rich -  
 Bradleya ... large shrub near shore of harbor Sydney  
 --- Ericoid shrub 2-4 ft, common at Sydney -  
 Phyllanthus -- if Marchalanthus Nundus shrub call long  
 Peewee Beem -  
 --- ? low, woody, root, caps apper only tricoous, Peewee Beem  
 --- tall hunching, fol obov; Peewee Beem -  
 --- fol renunc mucronate; lower Hunter  
 --- ? hairy minute flos; Sydney &c  
 --- ? tortuous Ericoid 1 ft. 5 sepals no petals, Stam about 6,  
 fol alt white; sand near Sydney  
 Euph. ? small Ericoid shrub fol small mostly in 3's,  
 monoic stigmas, flos minute apper 3 and 3 petals,  
 and 3 sepals; Sydney - B -  
 Euphorbia ? Holly leaves, Illawarra Rich -  
 Tillea habit ... shrub small flos, fol uneg, cordate ovate  
 dense hairy raceme oppositifol,  
 Illawarra Rich -

- Stylingia ... near schiffera, 2 styles; wild, Illawarra Rich  
 Croton like ... maple leaf shrub habit of Cunifuga;  
 ravine at Peewee Beem  
 Crotonoid ... fol simple broad lance serrate petiolate,  
 tern raceme; shrub, Hunter  
 Croton ? ... woody, flor long axill raceme, smooth fol  
 dent or undul, 5 styles? Illawarra Rich  
 Prountia ... 0,6-8 in common near Sydney -  
 --- ? low herb fol lance spatul fr  
 like Phyllanthus if procer,  
 Peewee Beem

Myricoid ... or coriif. fol like willow oak; Illawarra Rich  
Shrub ... comp habit, but stem distinct and caput supra cym, fol  
alt lance undul caput purple, ornate; P. Bowen

Shrub ... Ericoid flos purp like globular, cal segments  
num like comp, cult Sydney B-

Hypnicac? ... carpels 2-2 valved, clust axill, fol opp lance  
plane below, shrub; Sydney B-

cym ... Nemopanthis habit, cal 2 fid stem about 6 nerved  
style bifid, fol alt lance; Sydney B-

Ruscoid ... in habit, cal of distinct scales, shrub, axill and  
terminal racemes, corol 5 fid; Illawarra Rich -

Banilioid ... cal 3 leaved, Illawarra Rich -

Sagittarioid? ... fol alt elliptic flos axill clust cal  
2 cleft 4 petals 1 style fr supra; Illawarra

Olivif? ... fr like olive, fol subop, entire retic smooth  
lance ov., Illawarra Rich -

Shrub ... slight viburnoid habit, flos corymb. fol alt  
oblong acute smooth, sepals & petals, Illawarra <sup>Rich</sup>

Flacourtioid? ... fr num on common recept, young  
covered by lid, caput in panic or comp  
umbels, fol alt dent smooth; Illawarra Rich



acacioid... spiny globe capit, fol alt, entire pet; <sup>(Rich)</sup> *Mlawana*  
barissa habit... fol alt round dent 4 in spine axill & each leaf,

*Mlawana* Rich

Shrub... aphyllous, flos minute in num long racemes used  
for brooms, Sydney B -

*Nativum succant*... leaves of succul, Sydney B -

Suffrut... fol like *Isopogon* 1 ft multicaul, flos minute  
corol white & ped & stem 1 style; long margin  
Sydney -

ign... *Jacksonia* habit, cal 5 parted, corol 0? stem 3-  
flos in comp extra axill racemes, if above; Sydney B

Aroid? fol like *Agittaria* long lin lobes, no flos, high  
ground towards; *Mlawana* Rich -

*Lemna* near minor; *Mlawana* Rich -

*Potamogeton*... near *perfoliatus*, banks of upper *Smith*

*Ruppia*?... salt water; Sydney Harbor -

*Lostroid*... broad short leaves abundant on bottom  
of harbor Sydney no fr

*Simis*... flos large, *Pewen* *Bewen*

*Dendrobium* *lingueforme*... succulent leaf cult on  
rocks at Sydney

... very large thick coriaceous leaves very large fr rocks near  
*Pewen* *Bewen* -

...? tuft on trunk of *Eucalyptus* upper *Smith* <sup>(moss)</sup> *Rich*

Orch... of *Epipactis* *ponifolia* *Smith*, lips reflexed  
sepals long acute, fol cylind; marsh near Sydney

*Thiphoidea*... flos not expand no spur fol rather large  
scales; wet ground near Sydney -

*Neothoid*... very small flos, no spur, very long lin  
leaf; *Pewen* *Bewen* -

*Nect*?... ~~very small~~ flos large dark purple; marsh  
Sydney - B -

Orch... cucullate lance lip, fol rad lance, flos rather  
large, Sydney - B -

or... blackish purple flos, sensitive lid; Sydney

*Casuarina* ----- from branches as  
 Polynes. Illawarra.  
 " ----- to 1/2 ft coarse  
 hard tufts on  
 sea coasts, Rich,  
 Illawarra.  
 " ----- fruit, branchlets,  
 cones almost  
 glob. small scales,  
 Illawarra.  
 " ----- spreading shrub  
 (to 10 ft) rather  
 coarse large  
 scales, white sand  
 near Sydney.

*Arucaria excelsa* - com, planted at Sydney.

" *Cunninghamii*. from Morton Bay.

*Callitris* ----- habit of *Casuarina*  
 but very dense, tree  
 fr size cherry. woody  
 valves; P. Brown.

*Gamnia* - - - - - lin segments,  
hills at P. Bunn,  
segm ~~terminat~~ lin  
spine.

*Orch* - - - - - flos large purple  
spotted; Sydney

*Sisyrinchinoid* - - - - - very large hand  
bracts; hills at  
Newcastle

" - - - - - spathes very large,  
large blue flos,  
stem woolly before  
spathe; Sydney

" - - - - - 3<sup>d</sup> sp. stem smooth,  
spathe more elongat<sup>d</sup>  
Sydney.

" - - - - - more like *N.*  
*americana*; P. Bunn

*Burmannia* - - - - - flos rather large,  
blue; hills at  
Newcastle - var

*Blandfordia nobilis* - - common in  
white sand,  
Sydney mous-  
-petalous 3 to  
4 feet; showy

*Calostemma* - - - - - cult at Sydney

*Crinum* ~~crinum~~ - - - - - umbels many  
flos; banks of  
lower Hunter.

*Smilax glycyphylla* Br. - - fol glaucous  
below; Sydney

c. ps. -

" - - - - - fol large <sup>retic.</sup>  
Illawarra

*Eustrophus* - - - - - straggling vine  
berries large &  
seeds in 3 clusters,  
fol lanc striate;  
rare at P. B.  
" - - - - - fol lin lanceolate;  
Illawarra Park

*Hypoxis* - - - - - like graminea  
Sydney B.

*Antheicum* - - - - - wet ground  
near Sydney  
Harbor

*Sonchella juncea?* - - - - - flos purp; Sydney  
C.P.

" - - - - - 2<sup>d</sup> sp more delicate  
Sydney B.

*Asphodeloid* - - - - - flos yellow, rather  
large, in tern raceme;  
rare at P. B.  
Bewm

*Thysanotis* - - - - - fringed violet,  
highly ornamental;  
common at Sydney.

" - - - - - petals purple,  
not fringed;  
common at P. B.  
Bewm

" - - - - - inconspicuous flos;  
P. B. Bewm

*Coxsia?* - - - - - but flos yellow,  
in tern cluster,  
fol lin. mostly  
radical, or didymous  
branching; P. B. Bewm

*Dianella* ----- Sydney, Penn Bunn.  
 " ? ----- leafy to fr Branch  
 in fr. Penn Bunn  
 " ? ----- broad leaf  
 serrated margin  
 and mid rib; P. Bunn  
 " ? ----- style very long  
 large stigma,  
 fol 1/2 in.;  
 Illawarra River

*Xanthorrhoea hastilis* ----- common Sydney  
 and Hunter;  
 " ----- of *Xerophyllum*  
 stemless, fol  
 grass like;  
 Newcastle  
*triqueter*.

*Munanthera*? ----- inconspicuous fls  
 grass like twisted  
 leaves; Sydney B  
 " ? ----- very long lin leaf;  
 Sydney B.

*Xerotes rigida* Bunn ----- largest tufts; on  
 shore of Sydney  
 harbor  
 " ----- inflo rad caps  
 3 valved; Penn  
 Bunn  
 " ----- smaller than  
 coast species,  
 fol 3 pointed -  
 Penn. Bunn  
 ----- habit of *Melanthera*  
 Sydney B  
 " ----- long cylind leaf  
 Sydney B -----

*Juncus* . . . . . slender inflo lat; Penw Beven  
 " . . . . . an corge a grandif of Magellan, fol all rad; Newcastle habit of acum.  
 " . . . . . but broad flat leaves; lower Hunter near acum 4 to 5 ft. long flat leaves, large flos, swamp near green hills  
 " . . . . . near Cypensis Sydney B;  
 " . . . . . habit of conglow.

*J.* smaller flos lat panic; Sydney harbor.  
*J.* habit diffusus, larger more rigid; Illawarra.  
*J.* near marginat; Sydney - if not H.  
*J.* near affinis, but flos deemed smaller; Sydney.

inflo lateral, so congest that flos at first not distinguished; marsh near Sydney

*Triglochin* . . . . . small; shore of Sydney harbor maritime.  
 gen . . . . . near Triglochin 3 to 4 ft. thick, in plated leaves, sub aquatic; upper and lower Hunter

*Commelina* . . . . . lower Hunter

Gen com . . . . . ten panic small white flos; Illawarra Rich

*Corypha australis* . . . . . flabellate springy petiol fol 10 nerv, 100 ft; Illawarra

Seaforthia ----- pinnate segm  
nerved, 40 feet;  
Hawaii R.

Phylidrum ----- aquatic Sydney  
and Hawaii

Anonac ----- diand 1 lip.  
grasses leaves,  
large branch.  
Corymb; Sydney B

Eriocaulon ----- near plant;   
bogs near Sydney  
same Hawaii

Xyris ----- bogs near Sydney  
common

Juncus ----- near effusus  
~~floos seem a small~~  
~~Sydney B~~

Palm-like ----- 7 ft. habit grass,  
rigid anisip stem,  
lin leaves, anthers  
like Saururus or  
Trigloch, nuts edible.  
Hawaii Rich

Restiac. panic term. fol dichot divided, margin poor N. Castle.

Restiac ----- dichot curv branch  
5 ft; Sydney B

" ? ----- hard compressed  
stem ocher at  
intervals, term

" ----- panic, spikelets  
like scarpus; Sydney  
rigid stem 1-1/2 ft.

" ----- Capit. solit. stem  
cylind; Sydney.

" ----- long branching dry

" ----- decumbent Sydney

" ----- branch only, solit term spike  
dry

Gahnioid - - - - - tall, fol linear;  
low Hunter

" - - - - - long many fld  
panicle, <sup>did like</sup> ~~not expand~~  
<sub>Selenia Mangawa.</sub>  
~~marsh near Sydney~~

" 12 ft; long panicle, not expand; marsh near Sydney

Schoenoid - - - - - 2 ft. ten fascies;  
shore at Sydney

" - - - - - broad flat  
compressed  
stem; Sydney

" - - - - - grassy, invol terminal cluster fls, filiform rad fol.  
<sub>Sydney</sub>

Rhynchospyroid - - - - - inconspic axill  
clusters; Pe Benu

" - - - - - habit of N. America  
Sydney

Gussonia - - - - - 1 ft. shore, at  
Sydney wet  
ground

Eleocharis - - - - - 2 ft. pool at  
Peven Benu

" - - - - - almost capillary;  
pool at Peven  
Benu

" - - - - - near articulators,  
2 ft. Illawarra

Scirpus - - - - - like maritime,  
swamp back of  
green hills.

" - - - - - spikes in ten  
capit or clusters;  
low Hunter

" - - - - - capit. glom; n.  
shore at Sydney

Scirp - - - - - 3 put ancip stem  
Isolepis. like Savai, 4 inch, lat spikes? }  
low Hunter & Sydney }  
broad bracts  
fls congest panicle  
Sydney



Gen. ignot. Eriocaulon habit 1 to 2 inch, broad bract at base  
 common in hills at Sydney and Plover Bay.

- Cyperus* - - - - - tufts 6 to 9 in,  
 spikelets 3-4 in  
 sessile like  
 dentatus; Plover  
 Bay
- " - - - - - 9 in. umbell flos  
 lax, ribbed; Plover  
 Bay
- " - - - - - large lax, habit  
 dentatus, spikelets  
 about 24 fld; P. Bay
- " - - - - - about 14 fld,  
 broad tapering  
 short; near  
 Mussel brook
- " - - - - - like strigosus  
 can. red brown  
 spikes. Illawarra
- " - - - - - spikelets many  
 fld, blackish;  
 Illawarra. Rich

- Carex* - - - - - habit multiflora,  
 long slender spike;  
 Plover Bay
- " - - - - - habit acute pen-  
 spikes 5 some male  
 at apex. lower Hunter
- " - - - - - near hystericina.

*Illawarra Rich*

*Panicum*? hab agrost. claudens Dej. coarse leaf, stem no distinct 3 valve. P. Bay  
 " hab. *P. capillare* but larger flos. fol rigid smooth. P. Bay  
 " hairy flos like Carolina genus. P. Bay

- Panicum* - - - - - like column, smooth  
 Plover Bay
- " ? - - - - - 2<sup>d</sup> sp glm. elongate  
 ribbed. lower Hunter
- " - - - - - fol filiform spread  
 capill panicles acute  
 glumes; lower Hunter
- Stipa* - - - - - near capill. number  
 small flos; Hunter
- " - - - - - long stout-twisted  
 awn; lower Hunter

Stipa - slender delicate sp. fol mostly rad. short capill. P. Brien  
 " shorter and coarser awns, longer and longer leaves, P. Brien  
 " ? 3 to 5 feet. seeds covered with rufous hairs. P. Brien.

Aristida - - - - - mid auru rather  
 longest, Puen Brien  
 " - - - - - Giant, Sydney C.P.  
 " flos in term coarctate panic. P. Brien  
 " low spreading panicles, long large flos. P. Brien.

Andropogon habit furcatum but more slender, lower  
 stem and sheaths slightly hairy. Puen Brien.  
 " same habit much smaller flos. brown - "  
 " ? panicle conger n. am. 2 1/2 to 3 ft. " 3  
 " 2 upright spikes appear to form one, Hunter.

Anthisteria australis - Kangaroo grass. " Sydney  
 Ischemum - near Tahiti. Puen Brien

Donax like, no corbl. "  
 Oklous - - - - - " "  
 digitate spikes, P. Brien  
 - - - - - app. 2<sup>d</sup> sp large flos, short  
 spikes; Puen Brien

Eragrostis - - - - - small upright  
 panicle; lower  
 Hunter  
 - - - - - spike linear,  
 panicle large spreading.  
 Hunter.

Agrostis - - - - - near Inauca; Puen  
 Brien

" ? - - - - - coarse flos low and  
 spreading, long  
 awns like Stipa,  
 if Trichod; lower  
 Hunter

" - - - - - awned and  
 introd; lower  
 Hunter  
 Gram. corol glume petaloid. P. Brien)

Poa habit pratensis fol mostly radical, spikelets 6 flo. P. Brien.  
 " acute glumes, orbulate rigid leaves, Sydney.

Trichodum? - - - - - ~~but awned~~ ~~lower~~  
 awned  
 Hunter Puen Brien.

Trichochloa - - - - - lower Hunter

Polygonum? - - - - - or stipoid habit,  
 congested  
 Aristida. Puen-  
 Brien

Stipa - slender delicate sp. fol mostly rad. short capill. P. Brien  
 " shorter and coarser awns, longer and longer leaves, P. Brien  
 " ? 3 to 5 feet. seeds covered with uniform hairs. P. Brien.

Aristida - - - - - mid awn rather  
 longest, Penn Brien  
 " - - - - - Giant, Sydney C.P.  
 " flos in term coarctate panic. P. Brien  
 " low spreading panicles, long large flos. P. Brien.

Festuca - - - - - hard sessile flod.  
 and introa? Penn  
 Brien  
 " - - - - - optenella. Sydney B

Gram. corol glume very long, project, false seed. P. Brien  
 Sesleroid. cal glume scarious. corol or seed crowned by about 20 soft awns of 2 or 3 in.  
 Danthonia - florets smooth Penn Brien P. Brien  
 " larger very hairy flowers; Penn Brien

Chloris - ? - - - - low with very long  
 digitate spikes, P. Brien  
 " - - - - - app. 2<sup>d</sup> sp large flos, short  
 spikes; Penn Brien

Eragrostis - - - - - small upright  
 panicle; lower  
 Hunter  
 " - - - - - spike linear,  
 panic large spreading  
 Hunter.

Agrostis - - - - - near Indica; Penn  
 Brien

" ? - - - - - coarse flos low and  
 spreading, long  
 awns like Stipa,  
 if Trichod; lower  
 Hunter

" - - - - - awned and  
 introa; lower  
 Hunter

Gram. corol glume pelaloid. P. Brien  
 Poa habit prostratus fol mostly radical, spikelets 6 flo. P. Brien  
 " acute glumes, tubulate rigid leavy, Sydney.

Trichodum? - - - - - ~~but awned~~  
 awned  
~~Hunter~~ Penn Brien.

Trichochloa - - - - - lower Hunter

Polygonum? - - - - - or stipoid habit,  
 congested  
 Aristida. Penn  
 Brien

Phleoid ? - - - - - very long bristly  
aurea; Penn Ben

Gram ? leaf almost abort. habit of *Pectis*. cord appears  
3 glumes - styles 3. Sydney.

*Cenchrus* - - - - - spiked small  
flos; Penn Ben

*Cynodon*, - - - - - short leaved.  
Newcastle.

" - common on Hunter could val grass, perhaps diff. narrow leaves  
*Gram* - - - - - 4 in. term congested  
raceme, glum  
cartilaginous; lower  
Hunter

*Spinifex* appears same as *N. Z. cal. maritima*, S. Castle.

*Lepturus* - - - - - lower Hunter.

Stipoid cal valve very short, broad long awns at base of cord. Hunter  
*Gram* - - - - - like *dactylis*  
glom. lower  
Hunter

*Poa minor* - introduced. lower Hunter

*Chama* - - - - - large smooth,  
lower Hunter

- - - - - smaller species  
Hunter

*Lycopodium* - - - - - Hypnoid 6-8 in.  
Eupright, fruit  
axill, rare. Sydney

" - - - - - habit of Carolina  
but several  
lateral spikes -  
Sydney B.

*Psilotum* - - - - - 3 to 4 in. Sydney B.

*Masselia* - - - - - pubescent;  
excise pools and  
dry situations  
Penn Ben

*Asplenium* - - - - - rooting at apex  
adiant habit,  
of N. Zealand -  
Pewee Beech  
Mawarra

" *nidus*?

*Sindsaea* ? - - - - - of N. Zealand -  
tufts 4 to 9 inches,  
common on hills  
Sydney B.

*Adiantum* - - - - - habit capill v. r.  
fr num; P. Beech  
and Sydney.

" - - - - - fr simply from  
rooting at apex;  
Sydney B

" - - - - - 3 ft. large much  
branched  
ciliate leaves,  
Mawarra Beech

## S. E. Australia

*Asplen* - - - - - habit of *Doodia*  
and sori parallel  
to mid rib - Sydney.

*Comundroid* - - - - - somewhat habit  
of *interrupta*.  
Shore Sydney

*Sonaria* - - - - - segm alt. stipe  
paleac. Mawarra

" - - - - - 1 ft segm entire  
obtus. Mawarra

*Acrostichum alaicorne* - - - - - huge tufts high  
on trunks of trees.

" - - - - - lower Hunter river  
Mawarra -  
\* " - - - - - *Mac Leayi* - - - - - gigantic species

like large cabbage  
Epiphyte cult  
in Mac Leay's  
garden from  
Morton Bay.

*Asplenium* - - - - - rooting at apex  
 adiant habit.  
 of N. Zealand.  
 Peewee Beem  
 Hlawarra  
  
 " *midus?*  
  
 "

*Asplenium* - - - - -  
 Peewee Beem  
 Hlawarra  
  
 " *midus?*  
  
 "

*Asplenium* - - - - -  
 Peewee Beem  
 Hlawarra  
  
 " *midus?*  
  
 "

*Asplenium* - - - - -  
 Peewee Beem  
 Hlawarra  
  
 " *midus?*  
  
 "

