Archbold Files
CAPE YORK EXPED. 1948 FOLDER VIIb
Plant Collections

REG. U. S. PATENT OFFICE
COMMON SENSE BINDER
128 S

ASA L. SHIPMAN'S SONS
NEW YORK

1948 Archbold Cape York Expedition

Analysis of Plant Collections

by Habitat.

Lockerbie

Rain forest — main body:
- Primary forest — p. 1
- Primary forest margins — 4
- Secondary forest — 5

Rainforest "Islands" — 6

Rainforest Gallery woods — 7

Black Tea-tree Scrub — 8

Savanna forest; General — 9

Savanna forest of wet Eastern flats — 15

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Water plants — 18

Lockerbie

Rain forest — main body on central ridge of Peninsula. Continuous from near Red Island Point to near tip of Peninsula. Penetrated by pockets of savanna forest, mostly in valleys.

Pr

Canopy

18402. ... for timber.

18551. ... ? Grey ... near herds.

18816. ... ft. up to 3.5 cm. ... LA. ... forest.

Lockerbie

Notes attached to back of page

Lubri

18388.

89. ... ?

90

91. ... ai.

18594.

18808.

09. ... DAMURRA

10. ... Stigmas pink.

11.

12.

... a creek near Sawmill with tall Eulubia ? palms.

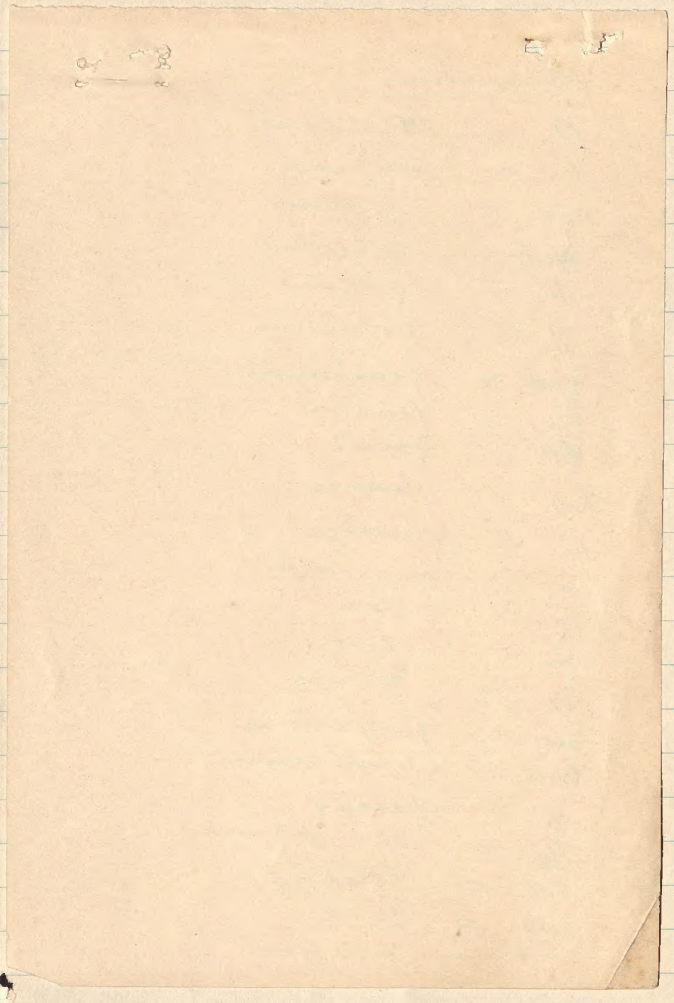
Eulubia? P. locally on banks of streams. ± 60 ft. (in groups).

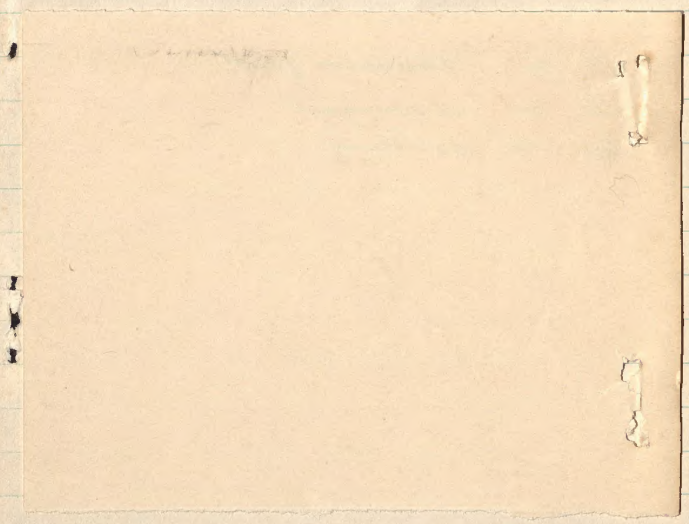
7 spp. Palms seen near Sawmill (2 fan-leaved, 1 Calamus, 1 Bayotte, 3 pinnate).

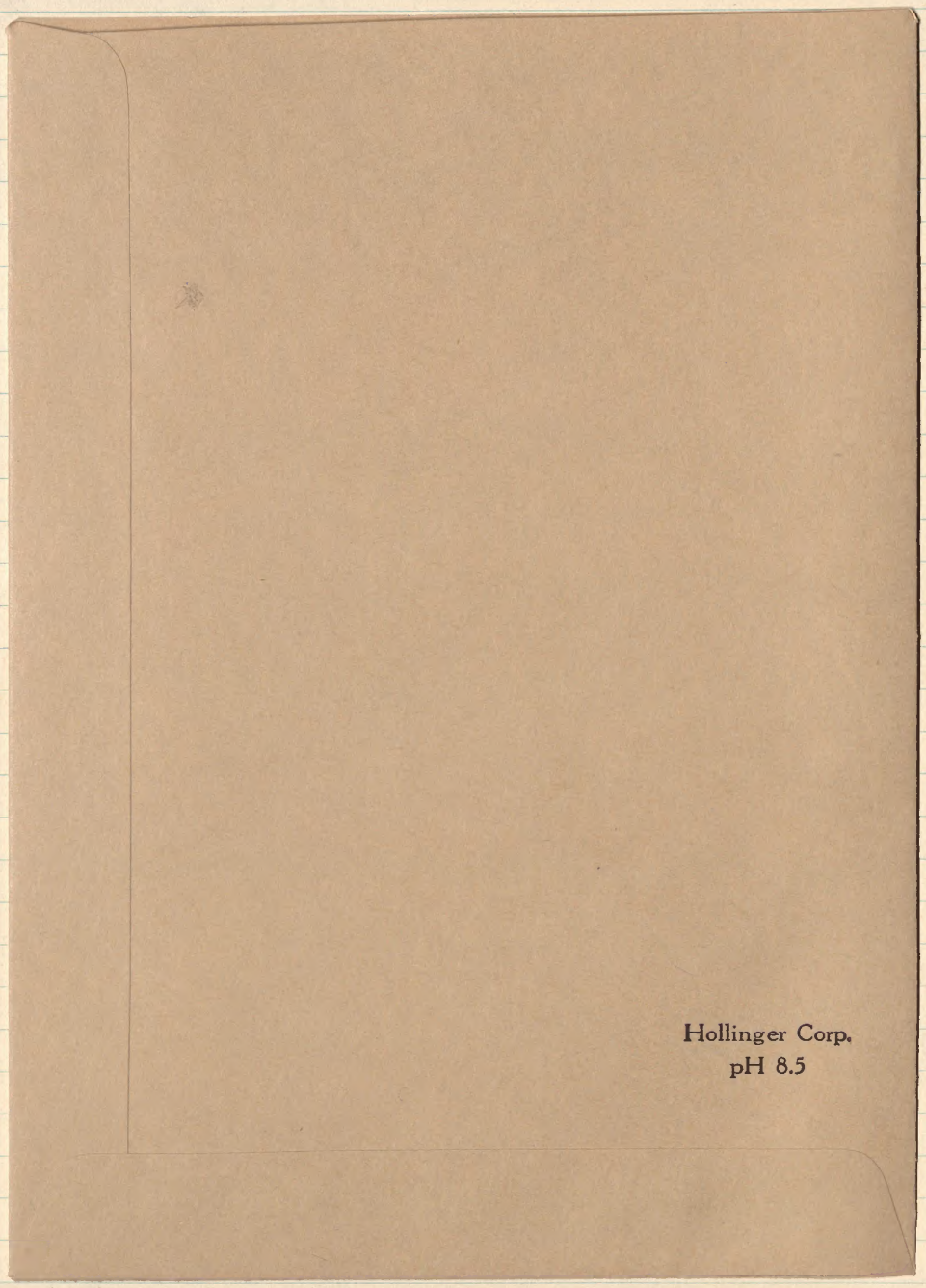
Abbreviations

A = Abundant
C. = Common
Sc. = Scattered
S. = Sporadic
F = Frequent
O = Occasional
Consp. = conspicuous
Flo. = flowers
Fl: = fruit
Lvs = Leaves
P. = plentiful
Unc. = uncommon
Brn. = brown
Wh = white
Gn. = green
Gregs. = gregarious
Char. = characteristic
Sp. = species
Spp. = " plural
Sol. = Solitary.
Blk. = black.
R.F. = rain forest

S.F. = savanna forest
D. = dominant
Sol. = solitary.






Hollinger Corp.
pH 8.5

Cockerbie

Rain forest — main body on central ridge of Peninsula. Continuous from near Red Island Point to near tip of Peninsula. Penetrated by pockets of savanna forest, mostly in valleys.

Primary forest:

Canopy trees:

18402. Blepharocarya. C. up to 20 m. x 50 cm. Involucres of fl. only. But for timber. Sometimes out on S.F.

18551. Garuga floribunda. R.F. edges. Up to 20 m x 50 cm. Fl. young. Fls.? Grey soft scaly bark. Resin or gum used for cementing spear heads.

18816. Tapot: O. in edges (F. in adjoining SF.) ± 20 m x 25–30 cm. Fl. up to 3.5 cm. dia. Bark thick, hard, corky, br., fissured. WA–LA.

Acacia. "Scrub Hickory" R.F. edges & dry type of forest.

Subsidiary trees:

18388. Laur. 15 m. x 20 cm. Fls. cream. Fl. young.

89. Myrt. Substage. 8 m x 10 cm. White fls. later pinkish. Fl.?

90 F. in substage 6–8 m. Fls. wh. Fl.?

91. Laur. Substage. 8 m. Fl. young. Lvs. faintly aromatic.

18594. Rub. 15 m. x 25 cm. Fl. buds only. Fl. red, fleshy.

18808. Syzygium F. in substage. 6–8 m. Fls. wh (in bud only).

09. Caryota S. up to 16 m. x 20 cm. Fl. red. Leaves ± glaucous. DAMURRA

10. Anon. Substage 10 m. Fragrant fls.; yellow reflexed petals. Stigmas pink.

11. Rub. Substage 10 m. Fl. unripe.

12. Substage 8 m. Fls. wh. Fl. unripe.

Pandanus. ± 30 ft., slender, with long, banished prop roots, P. close to a creek near Sawmill with tall Eulubia? palms.

Eulubia? P. locally on banks of streams. ± 60 ft., (in groups).

7 spp. Palms seen near Sawmill (2 fan-leaved, 1 Calamus, 1 Caryota, 3 pinnate).

Primary rain forest – main body

Climbers:

Calamus 1 sp. seen near Sawmill

Epiphytes & Parasites:

18384. Loranthus. F. ± 1 m. Fls. red.
18628. Loranthus. On Terminalia sp. on forest edge. Small, compact sp.
40. Polypod. F. on trees & rocks. Creeping & nest-forming. 60-100 cm. Large shield leaves. Very comp. sp.
18806. Fungus. On rotting wood.
07. Fungus. On rotting logs.

Woody undergrowth:

18374. Croton. S. ca. 1 m. monoecious.
94. Dracaena. O. 50-60 cm. Globose red fleshy fr.
98. Zizyphus. P. in dryish r.f. (also second growths) Scrambling 2-10 m. Fls. whitish. Fl. blk. not eaten by natives. "Wait-a-while".
18815. Palm C. clump sp. 5-7 m. Fl. buds only. Leaves pinnate
Ptychosperma capitis-yorkii

Lockerbie

Primary rain forest – main body

Herbaceous undergrowth

18385. Lindsaya. A. on rocks (talentic). Up to 25 cm. Proliferous
86. Pteris? 1 plant " "
92. Gram. 1 example.
18634. Fern. Frog. on shady moist bank of a stream. 10-15 cm.
35. Cyperus. Muddy edges of a stream. 50-60 cm. Stem acutely 3-angled.
46. Moss. Covering stones (O.).
18817. Tranthemum C. floor plant. 25-35 cm. Fls. wh. or pinkish

Fungi

18383. On rotten wood.

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Primary rain forest margins — main body

18387.	Cyperus.	C. in a clearing. Clumps up to 1 m.; erect.
95.		Tree 5 m. Fls.? Fl. black, fleshy, blandly sweet.
96.	Aristolochia	F. slender vine 2-3 m. Fls. yellow & purple. Soft fleshy leaves.
99.	Acacia.	C. on grassy edges. Tree 6-10 m. x 15-25 cm. Fls. wh. Fl.? Bark grey-br., hard, deeply fissured. AMBI.
18427.	Bryonia	F. (also in 2nd. growths). Shrub 1.5-2 m. Fl. red.
29.	Panicum	Greg. in shade. 30-40 cm.
30.	Panicum	Shady edges. ca. 70 cm. Panicles drooping.
35.	Comp.	C. grassy edges. Herb 60-80 cm. Fls. yellow.
71.	Dianella.	F. " " Fls. blue.
92.	Rhipogonum?	Grassy edges. Vine. Fl. unripe.
99.	Commel.	C. " " Ascending. Fls. blue
18500.	Commel.	C. " " Fls. purple-pink. Roots tuberous.
2.	Xerotes	O. " " Fls. cream
3	Lab.	1 plant " " 20 cm. Fls. purple.
44.	Solanum	Shrub 2 m. Fls. purple. Fl. red, globose, ± 15 mm. dia.
91.	Curcuma	A. in grassy edges. 50-80 cm. Bracts pink.
92.	Tygodium.	Climbing in long grass of edges. ± 1 m.
93.	Oplismenus	C. in edges. Procumbent & ascending cultures ca. 1 m.
95.	Cyperus	Tufted in shady edges. ca. 40 cm.
96.	Rottboellia	Under shade of marginal trees. ± 80 cm. 1 erect culm on stilt roots.
97.	Ipomoea	Grassy edges. Vine 1 m. Fls. wh.
18605.	Gram.	Semi-shade of edges. up to 1.5 m.
26.	Panicum	Greg. in semi shade. 70-80 cm.
30.	Eranthemum	C. in rock crevices. ~~50 cm~~ 15-20 cm. Fls. wh.
31.	Cassytha	Various hosts on margins.
32.	Apoc.	Large scrambling shrub 4-5 m. Edges drying R.F. Fls. cream. Fl. unripe.
40.	Polypod.	F. & comp. on rocks & trees. Creeping & nest-forming. 50-100 cm. (large shield leaves).
41.	Dioscorea	Vine 2-3 m. Tubers eaten by natives.
43.	Moss	On dry laterite rocks.
44.	Moss.	" " " Grey sp. like on on Florida cabbage palms.
18814	Leea	O. slender tree 5-7 m. Fl. unripe.
13.	Erectamia	F. shrub 2-3 m. Fls. cream. Fl. red.

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Secondary rain forest:

Trees:

18400. Alphitonia A. 8-12 m. x up to 30 cm. Fls. gr.-wh. Fl.? Leaves grey below.
1. Randia C. 5-7 m. Fls.? Fl. large, unripe. Fls. wh., fragrant.
= 18647. Tree or shrub ~~up~~ up to 5 m.

Other plants:

18397. Menisp. Vine 1 m. Soft red fl. in green tract.
98. Gizyphus P. scrambling shrub 2-10 m. Fls. wh. Fl. blk, ~~[illegible]~~ not eaten by natives
"Wait-a-while". Also in dryish r.f.
18427. Brignia. F. (also on RF margins). Shrub 1.5-2 m. Fl. red.
18813. Erratamia. F. shrub 2-3 m. Fls. cream. Fl. red.

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Rain forest "islands". Scattered in savanna forest.

Trees:

18436. Terminalia. In small patches forest on pebbly ridges. 12 m. X 30 cm. Fl. buds. Fl. blk., eaten by natives. Leaves soft, very convex.

Undergrowth:

Lockerbie

Rain forest gallery woods. On banks of streams in savanna-forest

18410.	Dodonaea.	F. edges of woods. Tree 6-8 m. x 10-12 cm. Fl: very young. Fls.? Bark hard fibrous firmed.
411.	Lindsaya	A. on outer edges. 30 cm.
412.	Aral.	O. tree 3-6 m. Fls. pale pink. Fl: young. Simple or few branched.
413.	Myrt.	O. tree 10 m. x 25 cm. Dry fl. only. Smooth eucalyptus-like bark. (A. in open bed of stream - Taradenya Bk).
416.	Lab.	Edges of woods. Herb 30 cm. Fls. wh.
18537.	Rustia.	Few large clumps ca. 1.5 m. in sandy bank of Taradenya Bk. Stems stiff; bluish-green.
38.	Wormia alata.	P. tree 10-20 m. x up to 50 cm. Fls. yellow. (also S.F.).
39.	Jacksonia.	O. on outer edges. Tree 3-4 m.
41.	Mors.	On bank of Wormia alata.
43.	Gram.	P. on grassy banks shaded by forest & inundated by floods. Sm. mat clumps 60-80 cm
45.	Loranthus.	On a tree. Glaucous red, purple & yellow fls.
46.	Laur.	Slender tree 10 m. Fls. greenish. Fl: young.
47.	Rub.	C. in edges. (also under shady trees in S.F.). Shrub 1.5-3 m. Fl: black, fleshy, depressed-globose. ca. 7 mm. dia.
48.	Cyclophorus	F. epiphyte. Fleshy leaves crowded in pale green clumps.
49.	Myrist.	O. slender tree 10-12 m. Fl. buds only.

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Black Leatree scrubs: Body break.

18505. Gram.	Gram. Sc. through scrub. 60 cm. Tufts few slender erect culms
06. Typ.	C. " " 60-100 cm. Forming stiff clumps
7. Restion	Chief plant of a very open ground cover. Clumps very many drooping stems ±60 cm.
8. Typ.	Sc. 30-60 cm. Erect usually sol. stems.
9. Thryptomene oligandra.	Chief D. Tree 5-10 m. x up to 40 cm. Fls. wh. Stem usually short & branched near ground. Bark dk. grey, fibrous, fissured. OTUNDUN
10. Menisp.	Climbing 2 m. Fls.? Fl: red, fleshy.
11. Dendrobium	C. epiphyte on branches 1-2 m. from ground. 20-40 cm. Fls. waxy purplish-br.
12. Liliac.	P. & a Ch. shrub. 1-2 m. Fls. mean Fl: yellow, dehiscent. Developing a few long, weak branches. APURANAMU
13. Myrt.	One tree seen 8 m x 25 cm. Sterile. Drooping branchlets. Bark br-grey, thin, fibrous, furrowed.
14. Epacrid.	{V.A. tree or shrub 2-4 m. Fls. wh. Much branched, shapely. Fl. depressed, wh. translucent
15. Epacrid.	A. shrub 2-3 m. Fls. wh. Abundantly but rather openly branched.
16. Leptospermum Fabricia ?	Chief D. next to 18509. Tree 8-10 m x 20-30 cm. ~~Stem~~ Fls only Much branched rounded crown. Dark gr-br. fissured bark.
18.	C. herb 3-5 cm. Moist base sandy soil. Fls. wh.
30. Mess.	On moist sandy soil.
31. Mess.	Grey-green cushions on moist sandy soil.
Hoya	P. climber. = sp. of Newcastle Bay.
Dischidia spp.	D. Rafflesiana & 1 or more small spp. V.A.
69. Melaleuca aff. symphyocarpa.	A D. in small patches down Laradenya Tk. Tree 10-12 m x 25-35 cm. Fls. red. Dense crown upright branches. Bark dark grey, rough, fissured.
71. Jacksonia.	A. in small patches down Laradenya. Tree or shrub 2-4 m. Fls. pink.
Nepenthes.	C. scattered in openings.

For note on Eucalyptus sp. near north of Jardine River
see Journal p. 135.

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Savanna forest. Occupying most of the area. Various types, excluding the communities of wet heathy flats.

Trees:

18865. ? S. in Bloodwood s.f. on reddish loam. ± 6 m. Drooping habit. Fls. yellow. Fl: eaten by cattle.

66. Banksia integrifolia. O. to 6 m.

59. Acacia. C. grassy ridges R.F. 6-10 m. x 15-25 cm. Fls. wh. Pods? Bark grey br., hard, deeply fissured. AMBI.

18400. Alphitonia. Sc. 8-12 m. x up to 60 cm. Also recently R.F.

62. Blepharocarya. O. in S.F. of ridges (a R.F. sh.).

08. Tristania longisepalis. C. throughout on sandy soil. Up to 12 m. x 40 cm. Fls. yellow, some-scarce. Thin pale br. bark shedding in thin corky scales.

18413. Myrt: R. in open rocky bed of Tandenya. Smooth eucalyptus-like bark. Fl: only.

18538. Wormia alata. S. (P. in gulley R.F.) 10-20 m. x up to 50 cm. Fls. yellow.

42. Acacia AMBI. P. on sandy soil. Up to 12 m x 25 cm Fls. cream. Fl: ?

51. Santaja flexifrunda? C. in SF. adjacent to R.F. Up to 20 m. x 50 cm. "Green tree" or ARRTANU. Green resin used for cementing spear heads.

52. Pandanus sp. C. & in places forming small groves on sandy soil. 6-8 m. Mo-ve.

66. Casuarina Few trees grg. on a dry sandy ridge (20 m.). 6-10 m x up to 20 cm.

18607. Mel. leuc. var. F. on acid sandy flats. 6-8 m. Fls. very pale green. Branches crooked. Whitish papery bark.

11. Tristania C. on sandy soil. Up to 20 m. x 30 cm. Fl: only. Short thick trunk. Crown spreading. Bark br., fibrous, flaky.

12. Eucalyptus C. on greyish sandy soil. Up to 15 m. x 40 cm. Fl: buds only. Smooth grey or brownish bark. Branchlets often pendent. Poplar

13. Mel. leuc. var. Ff Char. large tree of stream banks & watholes. Up to 25 m x 30 cm Green Fls. cream; heavy burnt sugar odour. Branchlets drooping. Bark papery, greyish- to brownish-wh.

22. Erythrophloeum. F. in Bloodwood SF on a hard pebbly lateritic ridge. 7-8 m. Slender

Parinarium nonda. C. & growing & fairly large regs.
Bloodwood 13/. The most common eucalypt.
Tristania macrocalyx P. on sandy flats: big trees.
Grevillea striata C. locally. F. shrubs.
Gmelina O. large leaves.
Erythrina. Pale corky bark. Slender fl. to ± 12 m.
Canya australis F. smaller trees.
Monstera Bog Weed P. especially about ridges R.F.
Xanthostemon crassitalus (# 18140) "Iron wood of Jardine River").

Some local rain forest species.

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Savanna forest

Shrubs

18403. Euphorb. C. on sandy creek flats. 50-80 cm. Stems erect from thick woody stock.
85. Euph. C. ca. 1.5 m.
18501. Hibiscus 1 plant on grassy bank of a stream. 1 m. Fl. not seen
47. Rub. F. under shady trees (also in R. & Gallery woods). 1.5-3 m.
Fl. black, fleshy, depressed - globose. ± 7 mm dia.
Nepenthes

Grasses

18367. Heteropogon F. on reddish lateritic soil. 80-100 cm.
68. Pennisetum? A Char. sp. on reddish lateritic soil. Few erect culms ± 1.5 m.
69. Greg. in openings between taller sp. ± 80 cm.
71. Heterop. insignis. A Char. sp. on reddish lateritic soils. Clumps of few erect culms up to 2 m.
73 S. red soil ridges. ca. 1.5 m.
75. O. on hard red lateritic ground. 40-60 cm.
78. Greg. on pebbly lateritic soil. 40-70 cm.
93. Andropogon? Sc. in old clearing in r.f. 70-90 cm. Grey scurfy spikelets (consp.)
18405. O. sandy treeless patches on creek flats.
09. O. sandy river frontages. Small tufts ± 80 cm.
14. Greg. locally on treeless sandy patches. Small erect tufts 50-60 cm.
19. Aristida Covering treeless sand patches on creek flats. 80-90 cm.
20. Eragrostis A. with 18419. Few erect culms. Spikelets reddish. 80-90 cm.
22. Eragrostis P. " " 30 cm. Narrow tufts sprawling culms up to ca. 1.5 m. 1 or 2.
42. Sacciolepis S. amongst tall grasses. Up to 50 cm.
62. Eulalia? Greg. locally on open sandy patches on ridges. 30-60 cm. Spikelets glistening dark brown.
65. Themeda Sc. on moist sandy soil. Clumps few stiff erect culms ca. 120 cm.
66. Eragrostis Sandy soil
67. C. moist sandy soil. 100-130 cm. Tufts of few erect culms
75. Unc. sandy soil.
76. Sorghum F. on banks of streams. ca. 1.5 m. Tufts 2-3 erect culms.
77. Axanopus S. sandy soils. 1-1.5 m. (used to poison bandicoots!).
78. Sc. amongst tall coarse spp. c. 1 m. Tufts several drooping culms.
79. Floodbanks. 90 cm. Tufts many upright wiry culms.
80. O. " seasonal stream. 80 cm. Tufts several erect stiff culms
81. Aristida Few tufts " " " 1 m.

Savanna forest

Gramm. cont.

18482. Sc. on floodbanks. Tufts many drooping wiry culms 80-90 cm.
83. Sacciolepis. Mi sandy floodbanks of a seasonal stream. Rare + fleshy.
90. Sc. in a damp watercourse. ± 2 m. Culms med; usually solitary
91. Themeda Sc. uncommon. up to 1.5 m.
92. Sc. in a moist watercourse. 70-90 cm. Tufts few med stiff culms
95. 1 large clump on a termite mound.
96. Sorghum S. on sandy soil. up to 1.5 m.
97. Rottboellia ? C. in moist watercourses. up to 2 m. Mostly past flowering.
98. Sc. " " " 70-90 cm.
18554. Eragr. on hard sandy ground.
90. Andropogon O. in moist watercourses. Tufts of few med culms 1-1.5 m.
98. A. on pebbly laterite ridges. 40-80 cm. Few culms 1 or several in small tufts
99. Local " " " 30-50 cm. Spikes silvery
18614. Eragrostis Sc. tufts (Briza-like) on moist sandy floodbanks. 60-80 cm.
18. Sandy floodbanks. 80 cm.
19. Mi sandy floodbanks. ca. 40 cm. Spikelets fine pink
23 C. on a hard pebbly bloodwood ridge. 20-30 cm.
37. Eragr. locally on sandy loam. 60-80 cm. Panicle drooping. Spikelets reddish.
42. Eragr., close to R.F. 30-50 cm.

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Savanna forest

Ridges:

18370.	Cyperus	S. on reddish lateritic soils. 50-70 cm. Erect. sol. stems
72.	Cyperus	S. " " " " 60-100 cm " " "
18406.	Rhynchospora	O. sandy creek frontages. 30-50 cm.
71.		C. treeless sand patches on creek flats. Blue-gr. Clumps several erect stems 70-100 cm. Rhizome fragrant.
40.		Roadside. 10-15 cm. bluish-green.
43.		C. locally on moist ground. 10-~~15~~ 45 cm.
45.		One plant on moist sandy soil. 30 cm.
46.	Cyperus	Moist sandy soil. Blue-gr. 10-25 cm.
53.		S. moist sandy soil. 30-60 cm.
54.		S. amongst small annual grasses on hard pebbly ridges. ca. 20 cm.
58.	Cyperus	O. moist sandy soil. 80-90 cm.
59.	Rhynchospora	C. locally on hard lateritic ridges. 10-40 cm.
60.	Scleria	S. among small annual grasses on hard pebbly ridges. up to 40 cm.
61.	Scleria	S. in S.F.
72.	Scleria.	O. clumps on moist banks streams. ca. 1 m.
73.	Cyperus	Sc. grassy flood banks. 80-100 cm.
84.	Cyperus	Greg. in wet sandy bottom of a seasonal stream. 20-30 cm. Fleshy.
18540.	~~X~~	C. locally on creek banks inundated by high floods. Very many wing stems in clumps ± 60 cm high.
18606.	Rhynchospora.	C. on open sandy creek banks. 30-40 cm.
8.	Cyperus	Few Gunnus-like tufts 40-70 cm. in sandy bed of a stream
33.	Cyperus.	Few tufts in a sandy watercourse. up to 1.5 m.
36.		C. in a sandy watercourse. 60-80 cm. ± glaucous.

Lockerbie

Savanna forest

Herbs:

18376.	Fern.	C. locally under cover tall grasses on red lateritic soil. 30-40 cm.
77.		F. under dense " " " 15-25 cm. Wh. fl.
79.	Leg.	F. amongst tall grasses. Prostrate. Fls. purple. Inflated blk. fl.
80	Rub.	C. locally on pebbly lateritic soil. 30-50 cm. Tomp. pale blue or lavender fls.
81.	Leg. (Crotalaria ?)	S. red lateritic soil. 25-45 cm. Yellow petals hidden in large labyx.
82.	Crotalaria	C. " " " of ridges. 30-40 cm. Fls. yellow. small
18404.	Lab.	C. locally on sandy creek frontages. Ascending 60-80 cm. Fls. reddish-purple.
07.	Turneraceae ?	C. on sandy creek flats. Woody. 50-70 cm. Fls. yellow. Weak stems from hard woody stock.
17.	Comp.	Bank of a stream. Perennial herb to 80 cm. Fls. yellow.
18.	Commel.	S. on sandy creek flats. Herb. 10-25 cm. Tomp. yellow fls.
23.	Liliac.	S. " " " " ca. 15 cm. Fls. white.
24.	Biophytum	O. " " " 3-15 cm. Fls. reddish
25.	Phyllanthus	S. " " " 40-80 cm.
28.	Borag.	S. sandy soil. 15-20 cm. Fls. wh.
31.	Tricoryne	S. sandy creek flats. Fls. yellow.
32.	Comp.	F. " " " 20-30 cm. Fls. yellow.
33.	Pimelea	S. " " " Fls. wh.
34.	Leg.	O. on lateritic ridges. Trailing branches ca. 1 m. Fls. wh.
35.	Comp.	C. grassy edges of R.F. 60-80 cm. Fls. yellow.
37.	Legum.	S. on pebbly lateritic ridges. Perennial 40-50 cm. Fls. purple.
39.	Legum.	S. lateritic ridges. Ascending. Fls. orange. (small plant).
41.		S. among small annual grasses on hard pebbly ridges. 20-30 cm. Fls. yellow.
44.	Legum.	S. damp sandy soil. 10-20 cm. Fls. yellow.
47.		S. among small annual grasses on hard pebbly ridges. 25-70 cm. Fls. yellow
48	Legum.	S. moist sandy soil. 8-20 cm. Fls. yellow.
49.	Scroph.	C. locally on moist sandy soil. 10-20 cm. Fls. violet.
50.	Gooden.	6-12 cm.
51.	Polygal.	Moist sandy soil. 10 cm. Fls. blue.
52.	Buchnera	S. with small annual grasses on hard pebbly ridges. Fls. wh.
55.	Stackhousia	S. " " " " " " up to 70 cm. Fls. green
56.	Stylidium ?	Local on moist sandy soil. ca. 10 cm. Fls. wh. & purple.
57.	Legum.	S. " " " Ascending. Fls. blue.
63.	Legum.	1 plant on hard lateritic soil. Fls. orange-yellow.
64.	Legum.	C. locally throughout, on wet soil as well as dry. 40-60 cm. Wh. fls. Many branches subtract from woody stock.
68.	Legum.	Amongst small annual grasses on hard lateritic ridges. 20-30 cm. Fls. yellow.

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Savanna forest

Herbs: cont.

18469.	Xerotes.	Grassy ridges of R.F. Fls. wh.
70.	Lil.	F. " " " " ca. 15 cm. Fls. wh.
71.	Dianella.	F. " " " " Fls. blue.
86.	Utricularia	Local. wet grassy bank of a stream. 20-25 cm. Fls. purple.
87.	Legum.	S. Fls. yellow
88.	Drosera	Several plants on wet grassy bank of a stream. Fls. pink
89.	Polygal.	" " " " " " 10-15 cm. Fls. purple
93.	Crotalaria	S. banks of a stream. 20-30 cm. Fls. yellow.
18550.	Lab.	S. 15-60 cm. Fls. wh. Aromatic.
53.	Ipomoea.	Twining on grass. Fls. wh.
63.		S. on thinly grassed sandy patches. 15 cm. Fls. wh.
64.		S " " " " 6-15 cm. Fls. purplish-white.
65		S " " " " 10-25 cm. Fls. cream within, br. without.
74.	Legum.	C. " " " " Fls. purple.
91.	Curcuma	A. in long grass near R.F. 50-80 cm. Part flowering. Bracts pink.
18600.	Cassia mimosoides	S. on well drained soils. Up to 80 cm. Fls. yellow
01.	Vigna	S. in long grass. Under 1 m. (vine). Showy purple fls.
02.	Legum.	P. but generally sterile. ± 30 cm. Fls. purplish-red.
03.	Buchnera	Assoc. with annual grasses on pebbly ridges. 15-35 cm. Fls. wh.
04.	Thysanotus	S. on pebbly ridges. Fls. purple.
09.	Buchnera	S. on open sandy creek flat. 50-70 cm. Fls. wh.
20.	Brewiria.	Greg. locally in bloodwood SF. on a hard laterite ridge. Fls. blue.
21.		S. " " " " 8-25 cm. Fls. pink
27.	Tacca	S. & Unc. 40-50 cm. Fl. only.
29.	Buchnera	Sc. 40 cm. Fls. wh.
38.	Buchnera	S. & local. Fls. wh.
39.	Comp.	F. 50-100 cm. Fls. purple.

Across Lavalleya Ck. on Cape York Road. Mary 1.

Epiphytes & Parasites

18532.	Viscum	On Eucalyptus sp. Fl. greenish-wh. ± 4 mm. dia.
40.	Polypod.	F. on trees & rocks near RF. 60-100 cm. (Shield fronds.)
18645.	Moss.	A. in green patches on trees near RF.

Savanna forest of wet Leatree flats

Trees:

18351. Mel. symphyocarpa. F. 6-10 m. x up to 25 cm. Yellow-orange.; branches drooping.
66. Banksia integrifolia. F. up to ± 6 m. Very pale yellow fls.
18529. M. leuc. C. 7-10 m. Fls. gr.-wh. Bark of stem & main branches papery, Other bark smooth, brownish.
76. M. leuc. var. O. with other forms. 5-6 m. Fls. red, very showy. Few stiff crooked branches. Whitish papery bark.
77. Acacia. O. with Melaleuca. on grey sandy flats. 10 m. Fls. yellow. Fl.? Phyllodes ± glaucous. Petioles brown.
18818. Grevillea chrysodendron. C. on moist sandy flats, etc. Slender tree to 8 m. Fls. golden yellow. Quest beginning to flower in mid-May.

Other plants:

18349. Fimbristylis. C. 40-50 cm.
352. Restion. A. up to 80 cm. Drooping habit
354 Xerotes. 30-40 cm. Leaves used for baskets.
55 Xyris Sc. 70-90 cm. Yellow, corsp. fls.
57. Scheria Unc. 35 cm. Erect. Nuts pale br.
58 Scheria A. 40 cm. Drooping habit. Nuts wh.
59 Typ. C. 50 cm. Plant blue-gr., weak & drooping
60 Typ. A & Greg. 20-25 cm.
61. Tommel. C. 20-30 cm. Pale purple fls.
62. Typ. O. Weak, sprawling.
63. Typ. A. & Greg. ca. 40 cm. Weak, sprawling
64. Gram. A. Upright small clumps ± 1 m.
18517. Utricularia Sc. in thin ground cover of grasses & sedges. 3-3.5 m. Fls. wh., minute.
19. Utricularia ~~C. [illegible]~~ Sc. 3-6 cm. Fls. wh.
20. Utricularia. Sc. or grouped. 12-20 cm. Fls. wh.
21. C. 4-7 cm. herb. Fls. salmon pink without, ~~pink~~ wh. within.
22. Utricularia Rare. 10-18 cm. Fls. yellow within, red without.
23. Utricularia 1 plant. 5 cm. Fls. yellow
24. C. 6-20 cm. Fls. pink. Leaves fleshy.
25. Tommel. C. up to 25 cm Fls. wh.
26. Drosera. Sc. 5-15 cm. Fls. wh.
28. Teroph. Greg. on wet mud. 6-15 cm. Fls. dark purple. Fls. fleshy.
33. Typ. C. 60-80 cm. Erect, usually sol. stems.
34. Typ. P. 30-50 cm.
35. Typ. P. 50-60 cm
36. Gram. C. 80-100 cm.

Body Bk.

Savanna land of wet Cactus flats

Other plants, cont.

Above Savanna & Th. on Rock Flats & Hood. May 1.

1855	5. Utricularia.	Annual plants in one flat: 3-4 cm. Fls. purple.
	56. Bommel.	Sc. in one flat. 20-30 cm. Fls. pink.
	57. Scrophl.	S. 15-30 cm. Fl. tube dark pink, lobes very pale pink.
	58. Gram.	Sc. amongst sedges. 80-100 cm. Stems stiff, mod. crowded l.
	59. Xyris.	Sc. 60-80 cm. Fls. yellow. Roots bases red.
	60. Utricularia.	Sc. 4-15 cm. Fls. violet.
	61. Scrophl.	S. in moist flats. 10-30 cm. Fls. violet-blue
	62.	S. " " " 30-35 cm. Fl. tube blue.
	72. Utricularia	S. 3-5 cm. Fls. yellow.
	73. Utricularia	S. 3-7 cm. Perennial purple-br. calyx. Fls. yellow.
	75. Xyris	C. locally. 50-70 cm. Fls. yellow. Broad clumps of many stems.
	78. Scrophl.	Sc. Herb 10-50 cm. Fls. pink.
	79. Euphorb.	C. locally. Perennial herb 30-40 cm. Fls. green.
	81. Xyridium	C. locally. 40-50 cm. Fls. violet.
	82. Xyl.	C. locally. Annual. 15-20 cm.
	83. Bommel.	C. 30-50 cm. Fls. yellow.
	84. Legum.	C. locally. Herb 20-60 cm. Fls. yellow. Standing & ascending.
	85. Thysanotus	C. locally. 30-40 cm. Fls. purple. Leaves basal.
	86. Utricularia	A. " 10-25 cm. Fl. yellow within, red without. Very showy fl.
	87. Centrolepis	Gregarious locally. 5-12 cm. Filaments red. Stamens violet.
	88. Eriocaulon	P. 8-10 cm.
	89.	C. Herb 10-20 cm.
1862	4. Goodenia	C. locally. Herb 30-40 cm. Fls. blue lavender
	23. Utricularia.	Annual plants, grouped. ca. 30 cm. Fls. purple.

Waterholes Scattered.

Lockerbie

Teatree swamps. Seasonal.

Trees

1835 O. Mel. leuc. vel. aff. 15-20 m. × 25-35 cm. Paper bark; upright branches. Whitish, honey scented fls.

Other plants:

18346.	Centranthera	F. 8-30 cm.	White & pink.
347	"	15-20 cm.	" " . Less hispid than 18346
348.		10-20 cm.	Yellow. Erect leaves. Waterplant.
353	Typ.	O. 80-120 cm.	Weak habit.
56	Triocaulon.	P. shallow swamps. 8-10 cm.	Grey-wh. heads

Water plants:

18348.	?	10-20 cm. Yellow. Also in tea tree swamps.
474.	Eriocaulon	A. in shallow seasonal streams. Only the fl.-heads above water.
18610.	Naias ?	Totally submerged in still water of a lagoon. ca. 50 cm.
15.	Nymphaea	F. in small waterholes. Fls. blue with purple tinge. Fragrant.
16.	Panicum	In a shallow waterhole with sandy bottom. Culms reclining up to 1.5 m. long.
17.	Leersia.	In a shallow waterhole with sandy bottom.

Newcastle Bay.

Camp at NARU Point, 22 miles S of Lorengau.

Rain forest.	p. 20
Sand dune scrub of coast.	22
Littoral forest.	25
Black Gatun scrub	26
Walkun scrub.	27
Savanna forest	28
Open grassland of Naru Point	30
Mangroves	32
Freshwater aquatics	32.

Newcastle Bay.

Rainforest. Developed on land which has not been invaded by dunes advancing from the sea shore.

Canopy trees:

18798. Acacia. C. along beach in thin rootlets RF. at Somerset: up to 15 m. fls. yellow (Hickory Wattle)

Other trees:

O-TURU

18715. Pandanus sp. A. locally behind dunes. 6-7 m. Much branched. MAIA see notes.

22. Palm. A. near a stream " " up to ± 15 cm. clumps; slender. Pinnate. Fls. only. also C. Lockerbie

50. Pittosporum F. 15 m. X 10 cm. Wood wh. fragrant; Pale yell. fragrant fls.

86. Palm. O. on slopes of streams. 10-12 m. Stem 1. Leaves irregularly pinnate. Fls. only. OTANYA Lockerbie also

99. Psychotria F in poor forest at Somerset: 6-8 m. Fl. white. Fls. ?

Newcastle Bay

Rain-forest.

Woody undergrowth.

Herbaceous undergrowth:

18774. Fern Greg. in outer edge. 30-50 cm.

Climbers

Epiphytes & parasites

18788. Fungus. On a rotten log.
~~18806.~~ " ~~Rotting wood on ground.~~

Newcastle Bay

Sand dune scrub of coast. A mixture of rainforest and "black beatree" elements.

Trees:

18654. Terminalia — C. 5-6 m.; fls. cream; glauc. purple-black fts eaten by blacks. INTIA

61. Rub. — Edge of a pool. 8 m. Ft. red, fleshy.

~~64. Melaleuca. — aff. M. symphyocarpa. A. sand-stabilizing sp.~~

65. ♀ Tree or shrub 2-4 m. Sparse open habit.

66 ♂ = 18665.

67. Rub. — C. tree or shrub 4-5 m. Ft. black, fleshy, palatable.

68. Acronychia? imperforata — C. 6-8 m. Fls. gr.; ft. unripe.

73. Melaleuca angustifolia — aff. symphyocarpa. A 6-8 m., crown ± flat spreading; pale br. thin flaky bark. ALUTHA. = 18664. Fls. cream. — stabilizing shrub on young dunes.

79. Grevillea glauca. — A. tree or shrub. 2-5 m. leaves grey-gr.; fls. cream. WA-LA

80. Petalostigma — P. but really a shrub.

93. Acacia — VA on Nance Pt. 2-5 m.; frag. yell. fls.; bark rough. br.

~~18715. Pandanus~~

18718. Acacia. — P. esp. on edges: up to 6 m. hard rough bark. Fls. yell. LUPURRA

79. Parinarium nonda. — A. shrub or tree 2-6 m. Fls.? Ft. unripe. O-LARI

80. Mallotus — F. 4-6 m. Fls. wh. Ft. orange. Leaves convex, greyish below.

Newcastle Bay

Sand dune scrub of coast

Shrubs:

18644. Melaleuca angustifolia aff. symphyocarpa. A. sand-stabilizing sp. 1-2 m. Fls. cream. ALUTHA
74. Rut. Triostema banksii 2-5 (sometimes sub-arborescent); aromatic. Fls. wh.; fl. 5 angled, dehiscent.
77. Mel. ~~[illegible]~~ quinquenervia P. sand-stabilizing sp. 50-150 cm. Fls. gr.-wh.
80. Petalostigma P. 1-3 m. fl. only.
81. Rub. (Morinda reticulata). O. in shrubberies. ± 50 cm. Consp. wh. bracts; fls. cream. Fl. young.
82. Rub. C. in low scrub. ± 1 m. Black fleshy fls. = 18667. LUNISAN
18720. Solanum R? 1.5 m. Fls. lavender. Fl. red, ca. 15 mm. dia.
23. Rhodomyrtus macrocarpa O. in low scrub.; ± 1.5 m. Fls. wh. Zockerbie also.
24. Wikstroemia F tree or shrub 2-3 m. Fl. orange.
83. Rapanea O. 2-3 m. Fls. wh. Fl. purple-black.

Herbs:

18660. Typ. Tuflett in scrub. ca. 30 cm.
62. Schizaea O. in scrubs (C. on savannas).
69. Typ. S. in shade; spikelets whitish
71. Acanth. C. in shade & forming thin ground cover locally. Fls. purple.
76. Caryoph. In shrubberies: ascending 10 cm. forming small mats. Fls. cream.
89. Cyperus C. locally in shade. 50-60 cm. stems usually sol.
18712. Gram. 60 cm.
13 Panicum C. locally in low scrub. 15-20 cm.
19. Gram. Greg. in small colonies in shade. ± 50 cm.

Newcastle Bay

Sand dune scrub of coast

Climbers

18687. Apoc. C. subscandent shrub 2-4 m. Fls. yellow; ft. unripe.
18717. Menisp. Low scrub, 1 m. Ripe ft. orange.

Epiphytes & Parasites

18657. Mos. Lower trunks of trees (also rotting bark). Like grey sp. on Florida cabbage palmes.
59. Cyclophorus. C. in scrub. Shortly creeping; leaves thick, fleshy.
72. Loranthus Small sp. ± 40 cm. Fls. red & yellow.
88. " On low trees; 50 cm. Branches sub-pendent; fls blackish purple & green
18721. Dendrob. of. bigibbum Unc. Very close to ground; 30-60 cm. Fls. purple, odorless
25. Myrmecodia. Fls. purplish-wh. C. in Lockerbie sav-forests.

Ponds & streams

WOREGA

18648. Gahnia. Freq. wet sandy edges; up to 5 m.; stems branched, ascending; m. 5 red.
18716. Hanguas malayana. Densely gregarious 2-2.5 m. on open banks stream near beach.

Mosses

18656. Rotting bark.
57 " " & lower tree trunks. Like grey sp. on Florida cabbage palmes
58 Rotten logs.
70. Dead bark of trees

Newcastle Bay

Littoral forest Wind-clipped low forest on seaward side of dunes.

~~Litt.~~

18675. Ficus. Tree 8 m. Scabrous leaves: fl. unripe, reddish.

Cotophyllum inophyllum. Shrouding trees at camp.

18787. Pandanus. pedunculatus C. & consp. on coastal dunes. 5-8 m. Freely & openly branched. Leaves glaucous. Ft. heads 15 x 12 cm., 3-angled. ANGANTUKKA

18792. Pandanus spiralis C. on rocky coastline & beside small freshwater streams in coastal sand dune area. 5-8 m. Stem branched, raised on short props. Ft. head ca. 22 x 18 cm.

Newcastle Bay:

Black teatree scrub. Patches in savanna-forest back from ~~coast~~ coast.

Trees:

18754. Leptospermum Fabricia. Thief D. 3–10 m. Fls. not seen. Bark dark br., thick, hard, fibrous, deeply fissured. ANTARRA

66. Exocarpus F. 5–6 m. Fls. green. (up to 10 m x 25 cm.; fls. green cf. 18796)

89. Santal. Edges of scrub. 3 m. Leaves glauc., fleshy.

Shrubs:

18768. Hibbertia A. about edges. 1–1.5 m. Leaves br.-floccose below. Fls. yellow

69. Wikstroemia A " " 1–3 m. Fls. wh. Fl.?

70 Epacrid. A in edges. Tree or shrub to 5 m. Fls. wh. (small leaved sp.).

72. Dodonaea C. " " 1.5–2 m. Fls. orange. Fl. ~~[illegible]~~ very young.

Herbs:

Climbers:

18771. Hoya. C. 2–3 m. Fragrant wh. fls.: leaves stiff, greyish below

Moss 18764. On living bark.

Newcastle Bay.

Wallum scrub. On dry to half-marshy grey sandy soil in a depression behind the beach. ("Heathy hollow").

Shrubs

18647. Agonis lyrocephala Myrt. A. up to 1 m; low bushy habit; cream fls. in globose heads.
50. Banksia. A. under 1 m.; fls. pinkish at base.
51. Melaleuca WINTI. A. (moist ground) ± 1 m. Fl. only: leaves citron-scented; compact; bushy.
52. Epacris P. , m. a more. Wh. fls., unispic. (= larger bracts of fl. of Tall Tk): clone rare also.
53. Pomaderris oblongifolium P. 30-80 cm.; much branched, bushy; fls. yellow.
55. Dodonaea ? P. ± 1 m. Fls. green.
18727. Hibbertia riparia C. to 1 m. on marshy ground See note: XX ONTANYU.
58. Baloskion. Scrambling on boggy ground amongst shrubs; ca. 1 m.

Herbs:

18708. Xyris Scattered 30-40 cm. Fls. yellow
9. Commel. C. ascending up to 30 cm. Fls. purple.
10. Comp. C. branched & simple; grey-g. Fls. yellow. 15-30 cm high.
11. C. rhizomatous. Fls. wh.
29. Drosera O. wet ground. 10-30 cm. Fls. pink.
30. Wooden.? Pl. 15-20 cm. Fls. wh. Tocklai also.
31. Lil. Pl. 20-30 cm. Fls. wh., anthers dk. br.
32. Xyris C. marshy ground. 30 cm. Fls. yellow.
33. Utricularia O " " 10-20 cm. Fls. yell.
34. Drosera C. " " 8-20 cm. Leaves red. Fls. wh.
35. Sorgh. C. boggy ground; 20-30 cm., rhiz & fibrous. Fls. violet & Wh.
36. Utricularia C. " " 15-40 cm. Fls. purple.
37. " Edge boggy stream. 10-12 cm. Fls. greenish-wh.
40. Legum. C. on open ground. Prostrate. Fls. pink.
41. Cyp. Fring. open boggy edge stream. ca. 50 cm.
42. " A. moist open hollow. 30-40 cm.
43. " Fring. locally " " 20-30 cm.
44. C. locally on moist sand. Much spreading; leaves succulent. Fls. pink
45. Polygala Pl. wet open hollow. 10-20 cm. Fls. pink. Also Tocklai.
46 " Local " " " Fls. blue, hidden under leaves.
47. Cyp. C. wet sandy edge stream. ± 15 cm.
48. Eriocaulon A. in open hollows. ± 30 cm. Fls. yellow, heads blk.
49. Fyncus Local wet sandy banks of stream: 10-15 cm. grey-gr.

Newcastle Bay

Savanna-forest. On sandy flats & low ridges behind the rainforests & dune scrubs of the coast.

Trees:

18752.	Santalum	Greg. in small groups. 5-6 m. Fls. cream. Hard rough bark. Leaves glauc. below. Dry wood fragrant
67.	Eucalyptus	Bloodwood AU-ORA. Up to 20 m. Chief D. Fls. cream. Bark of trunk & branches scaly fibrous
79.	Parinarium nonda	C. (also as shrub or small tree in dune scrub). O-LARI.
95.	Mel. symphyocarpa.	C. on sandy shore of L. Boronte. 4-6 m. Weeping low tree; fol. very dark green. Fls. yellow to reddish-orange.
18804.	Tapot.	WA-LA. F. sporadic in sandy bloodwood forest. Dark barrel tree 15-18 m. Bark rough, blackish. Young fl. only. Leaves eaten by cattle.

Shrubs:

18751.	Leg.	A. sandy ground. 60-80 cm. Many spreading branches. Fls. purple-pink
55.	Hibiscus.	O. " " 60-100 cm. Fls. wh., throat dark red-purple.
65.	Fenzlia	A " " 1.5-2 m. Fls. deep rose-pink. Fl. immature
91.	Santal.	R. shrub or tree 4 m. Fls. yellow.
93.	Euph.	A. in SF adjacent to RF. A pioneer in conversion of SF to RF. C. also Lockerbie. 2-3 m. Fls. yellowish.
97.	Euph.	A. pioneer in conversion SF to RF. 5-6 m. Fls. yellow.
18805.	Glochidion	VA in SF adjacent to R.F. Tree or shrub 2-5 m. Fls. yellow. Fl. gr.

Grasses:

18801.	Acacia.	C. in extensive shrubberies on Fly Point. Shrub 60-80 cm. Fls. yellow. Numerous upright branches.

Newcastle Bay

Savanna-forest

Ledges:

Herbs:

18662.	Schizaea.	C. locally on loose sandy soil. (O. in dune scrub).
63.	Acanth.	O. 40-50 cm. Fls. wh.
18753.	Caryopk.	O. on loose sandy soil. 25-40 cm. Fls. whitish
56.	Lab.	O. branches low spreading to 1 m. long. Fls. deep rose purple.
57.	Phyllanthus	C. bloodwood forest. 30-50 cm, greyish, ± fleshy. Fls. wh.
58	"	Grey. in small groups. ± 30 cm.
59.		Sp. ca. 30 cm. Fls. cream.
60.	Leg.	Trailing & twining in grass. Fls. yellow.
61.	Phyllanthus.	C. locally in bloodwood forest. 40-60 cm; leaves very glauc. below. Fls. wh.
62.	Stackhousia	C. " " 40-50 cm. Fls. pale yellow gr.
63.	Desmodium	Woody herb 30 cm. Fls. dark pink.
94.	Gooden.	Moist sandy soil in Latrea St. 5 cm. Fls. yellow.

Epiphytes & Parasites

18790.	Loranthus.	On trees. 1 m. Fls. red & yellow. Fl. black.

Newcastle Bay:

Open grassland of Nare Point:

Shrubs:

18652. Epacrid. P. tree or shrub to 6 m. (wallum also) = larger leaved sp. of body Ok; fls. wh. ~~cream~~.
81. Morinda reticulata. O. ± 50 cm. Big wh. bracts: cream fls. AIILINGA
85. O. 30-50 cm. Fls. yellow, showy (aff. Trocanthemum).
92. Hibbertia cf. Banksii A. 40-50 cm. Fls. yellow, showy.
18703. Acacia cf. humifusa. A. sub prostrate to prostrate. Mostly sterile. Fls. golden-yell.
776. Epacrid. C. prostrate in dense dark green mat. Fls. wh. cf. 18652.
77. Fenglia. A. prostrate & mat-forming. Fls. deep rose to pale pink. Fr. unripe.

Grasses:

18684. Also covering openings in shrubberies. ± 15 cm.
90. Principal sp. on parts. 60-80 cm.
18700. Perotis rara P.
6. C. 50-70 cm.

Sedges:

Newcastle Bay.

Open grasslands of Warn Point alt. to ± 20 m.

Herbs.

18678.	Legum.	C. on open sandy ground. trailing. Fls. yellow.
83.	Stackhousia	C. 15-30 cm. Branched or simple; leaves ± fleshy. Fls. gr. yellow AN-YA
86.	Convolv.	C. trailing on sandy ground. Fls. blue
91.	Gent.	C. sandy ground. 20-40 cm. simple or branched; fls. cream
94.	Borag.	P. prostrate. Fls. wh.
95.	Gomphrena	C. 20-30 cm. Branches red; fls. whitish
96.	Caryoph.	C. 15-20 cm. Fls. whitish
97.	Ipomoea	O. herb ± 10 cm. Fls. purple. WUNTA
98.	Cleome?	O. stiff, spreading few cm. above ground. Fls. yellow.
99.	Amaranth.	O. erect 50-80 cm. Fls. greenish
18701.	Rub.	C. ± 40 cm. weak, ascending. Fls. cream
2	~~Cornutum~~ Cartonema	F. 10-30 cm. Fls. yellow (Lockerbie also).
4	Convolv.	C. trailer to over 1 m. long. Fls. wh.
5	Convolv.	C. trailer. Fls. wh. showy.
7.	Ipomoea	O. close to sea. Tufted or short creeping. Fls. purple, showy
18778.	Helichrysum	Sp. 15-30 cm. Fls. yellow, showy. Leaves ± viscid.

18802. Stylosanthes. "Townsville Lucerne". Forming dense mats on open ground of Vallack Pt.

Newcastle Bay

Freshwater aquatics

18738. Hydrochaeta. Submerged in a boggy pool between dunes (camp). 20 cm.

Mangroves:

18775. Nipa fruticans. WAT-PAPU. A single mature or nearly mature, but sterile plant ca. 10 m. tall on muddy bank of a freshwater stream influenced by tides. Just behind beach; mangroves immediately.

Gardine River, ca. Long 142° 21

Tawanna forest

Turkey bush

Black teatree scrub

Riverbanks

Waterholes

Marshes

Tanamere Lagoon

Gardiner River

Lateritic ridges
Sandy lateritic flats
Sandy flood plains
Low sandy ridges.
Bloodwood forest of sandy riverbanks

Savanna forest

Trees

18821.	Rub.	F. in low sandy lateritic ridges. ± 10 m. Fls. wh.
25.	Casuarina	C. low sandy ridges. 6-8 m. Bark dark grey, rough, fissured.
83.	Euph.?	Forming limited pure stands in wet depressions on river flats. 8-10 m. Sterile. Branchlets drooping. ILURRA
97.	Proteaceae	O. messmate forest lateritic ridges. 8-10 m. Fls. cream. Leaves bluish green. Dark br. rough bark.
18901.	Xanthostemon	F. with messmate on pebbly ridges. 8-10 m. Fls. yellow. (Large tree at Lockerbie).

Shrubs

18822.	Euph.	VA in messmate/Bloodwood S.F. of lateritic ridges, to 1.5 m. Fls. 3 ft.
27.	Rut.	C. low sandy ridges. ± 20 cm. Fls. yellow. Loose spreading habit citronella-scented.
69.	?	Freq. in messmate forest of lateritic ridges. 1 m. Fls. cream.
88.	?	Local upper sandy flood plains. Numerous erect stems in clumps 1-2 m. Fls. red. Ft. 1-4 lobed.
91.	Rub.	T. low sandy ridges. 50 cm. Fls. white.
92.	?	C. messmate forest on hard lateritic ridges. 80-100 cm. Black fleshy ft.
93.	Euph.	O. " " " " 60-80 m. Dioecious.
95.	Clerodendron	1 example. " " " " 1 m. Ft. dark purple. Fls.?

Grasses

18820.		Freq. locally on higher sandy flood plains 10-15 cm.
24		P. moist sandy lateritic flats 50-70 cm. Plant ± viscid.
29		Freq. locally on sandy ridges ± 20 cm. "Plant bent over as if to bury the rigid tips of its spikes in the sandy soil."
30		C. sandy messmate/Bloodwood ridges. 70-80 cm. Spikelets reddish.
31		" " " 40-50 cm.
70.	Panicum.	Freq. moist banks of a billabong. Clumps 120-150 cm. Culms few, erect.
71.		A. in bloodwood forest of sandy riverbanks. 1 m. Erect yellowish culms.
72.		One of chief grasses of higher sandy flood plains. Wide clumps of many slender culms. 80-90 cm.

Gardiner River

Savanna forest

Grasses cont:

18873.	One of principal spp. on sandy floodplains. 80-100 cm. Numerous rub-rect culms.
74.	Loose sand on river floodbanks. 40-50 cm. Proliferous.
75. Panicum	O. in semi-shade " " Ascending.
80.	P. on sandy floodplain. 30-40 cm.
89.	A. wet depressions on river flats. 80-100 cm. Clumps of few wing culms.
90.	F. " " " 70-90 cm. Few rubrect culms.
94. Aristida	F. mesmate forest hard laterite ridges 1-1.2 m.
18913.	O. sandy banks of a waterhole. 50-70 cm.

Herbs.

18881. Polygal.	C. locally on sandy upper floodplain. 30-60 cm. Fls. pale purple.
84. Scroph.	C. wet laterite flats. 20-30 cm. Fleshy. Fls. violet.
85. Stylidium	C. " " 5-15 cm. Fls. pink.
86. Pheomannia	S. " " " 10-14 cm. Fls. purple, solitary
87. Gooden.?	C. " " " 15-25 cm. Fls. white
18907. Drosera.	Grouped in sparse ground cover under Casuarina trees.
~~19. Zeon.~~	30-40 cm. Fls. very pale pink.
19. Zeon	Amongst grass in sandy laterite forest 30-50 cm.
20. ?	Moist grassy edges of a laterite swamp. to 90 cm. Fls. yellow.

Gardiner River

Savanna forest

Epiphytes & parasites

18842. Loranthus	On Melaleuca sp. Fls. orange-red.
82. "	Leaves glaucous. Fls. orange & red.
18903. Cassytha	On ground & on grasses in mesmate forest: Fls. 1/1: white.

Shrubs cart

18896. Acacia.	Freq. in thickets in mesmate forest of lateritic ridges 2-3 m. Fls. yellow, fragrant.
99. Melastoma	O. grassy banks of swamps & waterholes. 40-60 cm. Fls. purple.
18902. Acacia Simsii?	O. in mesmate forest of ridges 1.5 m. Fls. yellow. Erect; slender.

Sedges

18900.	C. moist sandy leatree flats 50-70 cm.
12. Cladium	A major element in sparse tufted ground cover of wet leatree flats 50 cm.
1890~~9~~4. Restion?	A major element of the sparse tufted ground cover of wet leatree flats. 35-50 cm. Plant grayish.
06. Restion.?	V.A. in open tufted cover of leatree flats. 30 cm. Plant pale green.

Gardine River

Turkey Bush

Trees

18851. Banksia dentata? A in wallum scrub. Tree or shrub. 1.5-4 m. Fls. ft. Fls. gr.
53. Acacia C. " " " " 2-5 m. Phyllodes ± glaucous.
Grevillea gibbosa (= G. glauca).

Shrubs

18834. Jacksonia C. in scrubs of low sandy ridges. 1-2 m. Fls. pink.
35. Rut. V.A 20-30 cm. Fls. yellow. Citronella scented.
36. Tenglia P. in scrubby veg. of sandy ridges. 40-60 cm. Fls. pink.
38. Hibbertia F " " " 30-50 cm. Fls. pale yellow (also Newcastle Bay).
40. Hibbertia One example in low scrubs of sandy ridges. Stiff, erect 50 cm. Fls. yellow
41. Acacia F. " " " 70-40 cm.; loose to rub prostrate habit. Fls. whitish.
43. Gompholobium A. in low growths on sandy ridges. ± 30 cm. Fls. yellow
44. Like Trocanthemum S. in scrubs " " " 30-40 cm. Fls. yellow (Lockerbie also)
47. Hibbertia One example low " " " " 80 cm. Fls. yellow. Leaves broad.
48. Morinda reticulata Widely scattered scrub " " 40-60 cm. Fls. wh.; bracts wh. above pale green below.
49. Liliac. C. in scrubs of poor sandy ridges. 50-100 cm. Fls. wh.
52. Euphorb. C. in wallum scrubs. Erect in dark gr. clumps 1.5-3 m.
56. Gompholobium S. " " " 80-100 cm. Erect, slender. Fls. yellow.
68. Umb. S. sandy ridges ± 1 m. Fls. reddish or green

Herbs

18837. O. in scrubby growths of sandy ridges. 40-50 cm. Fls. gr. white.
39. Ruchnera S. in low " " " " Fls. wh.
46. Haemodorum. F. in open places " " Fls. red. (Generally sterile).

Gardiner River

Black teatree scrub.

Trees

18833. Dodonaea. C. tree or shrub 5-6 m. (also Lavadenya Tk. & Newcastle Bay.)

76. "Metrosideros" (or Leptospermum fabricia?). One of chief dominants. (Fls. yellow - just opening) 5-8 m.

18921. Leptospermum fabricia. Chief sp of the scrubs. 8-10 m. Profusion of yellow fls. = 18876

Shrubs

18832. Epacrid. C. Big leaved sp. of Newcastle Bay & Tody Tk. 2-3 m. Fls. white.

99. Melastoma. O. grassy banks of swamps & waterholes. 40-60 m. Fls. purple.

18902. Acacia of Sinsii.

Gardiner River

Riverbanks

18877. Syzygium? Banks of loose sand on river edges. 5 m. Low spreading habit. Shrub.

78. Dibbertia Scattered on loose sand. Shrub 1 m. Fls. yellow. Leaves br. floccose below.

79. Thryptomene oligandra. P. on loose sand of floodbanks. Free 6-10 m. Fls. white

Waterholes

18898. Eriocaulon setaceum? Greg. in shallows of a tea-tree pond. All but upper part of peduncles submerged. Fl. heads grey.

Marshes

18905. Eriocaulon. O. mucky soil of a seasonal marsh. 25-40 cm. heads white.

08. Utricularia. C. " edges " " 10-25 cm. Fls. golden

09. " C. " " " " 10-30 cm. Fls. yellow, lip reddish below

10. Lycopodium cernuum. P. " " " " 20-40 cm.

11. Halorragis. C. sedgy margins " " 6-1 m. Weak, scrambling.

~~12~~ 14. Drosera. Unc. grassy edge " " Fls. wh.

15. ? Scattered wet grassy edges " " Fls. wh. later yellow

16. Dianella F moist " " 80-100 cm. Social in groups. Distichous. Fls. violet

17. Restion A. wet sandy edges. 60-70 cm.

18. Utricularia Local on muddy edges - Fls. white, yellow & purple.

Gardine River

Tanamere Lagoon

Open sandy margins

18850.	Nepenthes mirabilis.	P. 30-40 cm. Pitchers gr., mottled red outside, purple inside.
55.	Ventranthera	Rare. Fl. tube reddish-pink, lobes pale pink.
58.	Drosera	Scattered on wet margins (sandy). Plant reddish. Fls. pink to reddish.
59.	Sclerea	S. on wet open sand. ± 25 cm. Spikelets blackish. Roots red.
60.	Utricularia	S. " " " 2-8 cm. Fls. purple.
61	"	C. on small accumulations of peat on wet open margins. Fls. yellow & red. 3-7 cm.
62.	"	S. on wet sandy margins. 6-17 cm. Fls. wh., tinged yell. & purple.
63	"	Small social groups " " " 2-6 cm. Fls. " " " "
64	"	C. locally " " " 12-30 cm. Fls. yellow; tip reddish below.
65	?	F. wet open sandy margins. ± 20 cm. Fls. blue.

Marginal shallows

18854.	Melaleuca leuc. var.	Forming an amphibious scrub in shallows with Agonis & Gahnia. 2-3 m. Fls. greenish. Papery whitish bark
57.	Utricularia	C. in outer shallows. 6-15 cm. Fls. purple & gold.

Open sandy margins

18866.	Thryptomene oligandra.	A major element in low scrub on wet soil. 50-100 cm.
67.	Agonis	Chief constituent " " " " 1-1.5 m. Compact & bushy.

Red Island Point

18924. Cycas. (2 mi. SE). Grouped in s.f. of lateritic ridges. to 2.5 m.

Rain forest of sandy coast

18925. Clerodendron. Slender tree 7 m. Showy wh-fls.
26. Ficus C. tree ± 20 m. Large spreading banyan fig.
29. Pongamia pinnata C. " 15-16 m. Fls. br.-purple.

Bloodwood savanna forest near coast

18928. Santalum C. tree 6-8 m.
30. Apoc. C. tree 6-8 m. Branchlets drooping.

Portland Roads

Rain forest of gullies on Hylen Hills

Brushy coast rain forest

Savanna forest

± Open rocky slopes of Hylen Hills.

Turkey bush

Brushy forest

Portland Roads

Rain forest of gullies on Aylen Hills

Trees

19010. Trema. C. in brushy growths on hills. Tree a shrub 3-4 m.

~~11. Tryp~~

Shrubs

19011. Lejum. Brushy growths on granite hills. 3-4 m. Large shrub, weak subscandent habit.

12. Hacourt ? " " " 4 m. Fls. wh. (also behind mangroves).

13. Rhodomyrtus " " " 2 m. Showy wh. fls.

33. Phaleria Undergrowth of Rf on granite hills. ±1 m. Showy wh. fls.

Vines

18938. Canavalia. C. in brushy forest. 3-6 m. (vine) Fls. purplish-pink. Fls.

Portland Roads

Turkey Bush

18957. Epac. Forming small patches of scrub in savanna forest of sandy granitic ridges. Shrub 2-3 m. Fls. wh. Leaves large.

Brushy Coast rain forest

19014. Sapot. Tree 15 m x 30 m. Fl. buds only. Rough gray bark.

19015. Asparagus racemosus. C. in brushy forest close behind ~~[illegible]~~ mangroves. Vine 2-3 m. Fls. wh. Ft. red.

19017. Santalum P. brushy growth close behind mangroves. Tree 6-8 m.

Portland Roads

Savanna forest

Trees Eucalyptus terrelaris. Pt. about edges of rain forest. Largest & straightest eucalypt here in Portland Rds. area.

18952.	Eucalyptus	(Bloodwood). Char. tree of SF on well drained granite ridges (20 m). 10-15 m x 25-40 cm. Fls. cream. Outer bark slightly reddish.
58.	Hakea	F. assoc. of Mel. leuc. vars. on sandy flats. Tree 5-8 m. up to 20 cm. dia. Fls. yell-gr.
59.	Grevillea striata	(Beefwood). O. in bloodwood SF. on sandy granite ridges. 6-7 m. fls cream.
64.	Eucalyptus	C. SF. sandy low ridges & hollows. 15-16 m. x 25-30 cm. Fls. cream. Bark grey-br. Leaves glauc. below. (Bloodwood).
68.	Petalostigma quadriloculare	C. bloodwood SF, sandy granite ridges. 5-8 m. Fl. yell-gr.
69.	" sp.	C. with 18968. 3-6 m. Busly shapely habit. Leaves shining above. Fl. orange-yellow.
76.	Melaleuca leuc. var.	S. bloodwood SF sandy granite ridges. 10-12 m x 15-20 cm. Fls. pale red. Bark pale grey, papery. Young leaves glauc.
78.	Melaleuca aff. leuca.	Edging a sandy watercourse in SF. 4-6 m. Fls. pale yell-green.
91.	Eucalyptus	(Box). Chief tree of open SF on stony granite ridges. 10-15 m. Branchlets & petioles bright yell-gr.; leaves ± glaucous. Fls.?

Shrubs

18953.	Euph.	C. in SF of sandy granite ridges. ± 60 cm. Many weak stems (~~many~~)
73.	Grewia	S. bloodwood SF granite ridges. ± 1 m. Fl. only.
77.	Hibiscus	F. near streams. ± 1 m. Fls. wh. with purple throat.
80.	Phyllanthus	S. in SF. 40-60 cm.
19018.	Tephrosia.	Forming low thickets on open sandy flats close behind mangroves. ± 1.5 m. Fls. dark purple.
34.	Helicteres	P. in SF of quartz ridges. 1.5-4 m. Fls. purple. Very slender & sparsely branched. (Packers Bk.).
36.	Euph.	Local in SF of quartz ridges (Packers Bk.). 30-50 cm. Leaves grey-gr.

Epiphytes & parasites

19008.	Loranthus grandibracteatus?	On Mel. leuc. Fls. & bracts green.
16.	Loranthus	On Tantalum sp. Fls. bright orange red.

Portland Roads

Savanna forest

Herbs

18960.	Wahlenbergia	O. St. sandy granite ridges. 30 cm. Fls. blue. Spreading & ascending
62.	Gonidium	F. " " " 30-50 cm. Fls. lavender
63.	Tormel.	O. " " " 30-60 cm. Fls. yellow.
66.	Borreria ?	F. moist sandy flats. 20-40 cm. Fls. lavender.
72.	Polygal.	S. in St. of granite ridges. 15-40 cm. Wings gr.; petals pale purple.
79.	Xyris	Scattered on a moist leatree flat. 50-60 cm. Fls. yellow.
82.	?	Spreading on muddy ground of a wet leatree flat. Fls. pink. gt. red.
83.	?	Greg. wet sandy soil " " " 3-4 cm.
84.	Eriocaulon	" " " " " " 12-16 cm. Heads pale brown
87.	Scroph.	" " " " " " 10-20 cm. Ascending, fleshy.
88.	Utricularia	VA. " " " " 20-30 cm. Fls. pale yellow
89.	Tephrosia	C. box St. stony granite ridges. 60-80 cm. Fls. purple
92.	Comp.	C. " " " 40-50 cm. Fls. yellow. Plant aromatic
95.	Comp.	Greg. on otherwise bare loamy soil in St. ± 15 cm. Fls. wh.
99.	Leg.	C. locally in St. Subprostrate 20 cm. Fls. yellow.
19001.	Polygal.	S. St. granite ridges. 30-60 cm. Petals purplish, repals green.
03.	Starkhousia	O. " sandy " " 40-60 cm. Fls. gr.
05.	Conv.	Trailing grassy sandy flats behind beach. Fls. deep rose.
35.	Callotis ?	O. s.f. of quartz ridges. 25-30 cm. Fls. wh.

Grasses

18947.	Heteropogon ~~contortus~~ insignis.	Scattered in bloodwood St. of granite ridges. Erect: 1.5-2 m.
48.		C. locally granite ridges. 30-50 cm. Spikes silvery.
49.		C. thinly grassed " " 30-45 cm.
50		C. bloodwood St " " 60-100 cm.
55.		Often chief element of ground cover of St. of granitic sandy ridges. ± 80 cm.
56.		Greg. locally " " " 20-30 cm. Weak, spreading
61.		C. locally thinly grassed bloodwood St. 20-30. Spikelets silvery-wh.
65.	Sorghum	Greg. locally on moist sandy low ridges. 80-100 cm. Leaves ± viscid
67.	Aristida	A. bloodwood St. sandy granite ridges. Many weak spreading culms ± 1 m.
75.	Rottboellia ?	O. " " " " 1.5-1.8 m. Clumps few erect culms
90.	Aristida	Greg. & covering hard open ground on ridges. Weak, reclining.
94.	Heteropogon contortus.	D. on treeless granite hills of coast, & on creek flats in St. ± 1 m.
97.	Aristida.	Principal grass on poor sandy flats thinly timbered with leatree. 60-70 cm. Infl. of few subcrect culms.

Portland Roads

Savanna forest

Sedges

18951.	Fimbristylis	One lift, bloodwood St of granite ridges. 90 cm.
81.	Fuirena	VA. on wet leatree flats. 40-70 cm. Soft, fleshy.
85.	Cyperus	Freq. wet sandy soil " " 10-20 cm. Pale green
86.		" " " " 20 cm.
93.	Scheria	Freq. edges gallery woods (flooded ground) 1 m.
96.	Cladium	O. poor sandy flats thinly timbered with leatree. ± 60 cm.

Grasses cont.

18998.		Wet season ephemeral freq. on thinly timbered leatree flats. 30-70 cm.
19002.	Eragrostis	C. sandy soil. Few weak culms to 130 cm. long.
04.	Anthisteria frondosa.	Freq. locally on sandy flats behind beach. 80-100 cm. Few erect culms.
06.		A. sandy granite ridges. 60-70 cm.
07.	Panicum	Covering parts of a sandy leatree flat: 50-70 cm.
32.	Rottboellia?	Freq. locally in St. gullies. 1.5 m. Irritat. hairy leaf sheaths.

Trees cont.

19000.	Melaleuca leuc. var.	F. Cox St stony granite ridges. 8-10 m x 10-15 cm. Flo. pale gr. Leaves stiff, grey-gr. Bark laminated grey fibrous.

Alt. ±100 m ~ 120 m.

Portland Roads

± Open rocky slopes of Aylen Hills

Woody plants

18941.	Leptospermum fabricia.	Scattered on grassy granite crests exposed to St. Winds. Shrub 1-2 m. Fls. yellow.
43.	Santalum	One example. Tree 4 m. Fls. yellow
44.	Grevillea glauca	P. granite hillsides. Tree 3-5 m. Fls. wh. Young leaves brownish, old leaves grey.
19009.	Tephrosia	VA. on grassy almost treeless hills. Shrub 1.5 m. Leaves greyish

Grasses & herbs

18936.	Crotalaria	S. amongst grass on granite slopes. 20-25 cm. Fls. yellow
37.	Legum.	C " " " vine. 80 cm. Fls. yellow
~~38.~~	~~Canavalia~~	
39.	Lil.	F. " " " 60-70 cm. Fls. yellow.
40.	Rub.	F. " " " 30-50 cm. Wh. or bluish fls.
42.	Aristida	C. granite slopes. Weak, reclining
45.	Fern.	Crowded under rocks. 25 cm.
46.	?	Herb. on thinly grassed patches. 3-8 cm. Fls. cream.
94.	Heteropogon contortus.	D on treeless granite hills of coast.

Iron Range Camp

Rain forest, flood plains

Rain forest, high ground

Rain forest regrowths

Rain forest marginal communities

Savanna forest

Turkey Creek

Water plants

all: ± 20 m.
River plains, & banks of feeder streams.

Iron Range

Rain forest – flood plain

Trees

19048. Myristica — O. 10–12 m. Fls. yellow. Fl: ?
19109. Canary ? — F. canopy tree ± 30 m × 40 cm. Cauliflk panicles.
11. Sapot: — C. common tree of canopy layer, ± 30 m. × 80 cm. Fls. gr. Fl: unripe
14. Rub. — O. 20–25 m. × 20–25 cm. Fl. buds only. Red fl: eaten by rabbits
15. Myristica insipida — F. small shady tree 20–30 m × up to 30 cm. Bark reddish br. Leaves glauc. below. Fls. ? Fl: unripe.
~~16. Rubiacea~~ — ~~F in rainforest~~
19057. ? Myristica Oliganthemiana — F (lower ridges also) ± 30 m × up to 60 cm. Fls. wh. Fl: ?
88. Canarium — Emergent 10 m. Fls. ? Fl: black.
19302. Canarium ? Myristica agsmithii — O. sap milky. 12–14 m × 12–15 cm. Leaves ± 80 cm. Fls. ? Fl: unripe
04. Lagerstroemia — 25 m × 30 cm. Fls. ? Stem uneven with ridges & depressions.
19053. ? Pagetia medicinalis — C. 15 m × 25 cm. Fls. wh. Fl: ? Blows br. bark. Young shoots protected by large gr-wh. bud scales.
59. Garcinia — F. ± 20 m × 35 cm. Fl. buds only.

19068. Pandanus Pancheriana — F. floodbanks of streams 6–8 m. Stiff pinkish-orange branches. Roots

Woody undergrowth

19045. Myrsl. — F. 1.5 m. One unbranched stem.
47. Dracaena. — Bordyline cannifolia — 80 cm. Fls. pale purple-pink. Leaf tips much recurved.
53. Myrsine ? — Small 2 m. Fls. ? Fl: unripe
54 ? Rhytidocaryum — O. 1.5–2 m. Fls. ? Fl: red, fleshy, loosely compound
19108. ? Glycosmis pentaphylla — Tree 5 m. Fls. white.
10. Pittosporum — Shrub 2 m. Fls. cream. Fl. ?
19255. Bambos — Forming thickets on flood plains & lower ridges. 10–12 m. Fls Fol. 113.
56 " — Probably a young progressive stage of 19255.
65. Rhytidocaryum — Tree 3 m. Fls. ? Fl: red, fleshy.
15309. ~~Rub. litea Forster (f.)~~ Psychotria — P. in u.g. Tree or shrub 2–3 m. Fls. wh.
17. Lunasia amara. — C. on floodplain (O. in gullies). Shrub or tree to 2–3 m. Fls. wh. Large shiny leaves.

~~River plain~~

Eron Range

Rain forest — flood plain

Vines

19055.	Calamus	P. on higher parts of flood plains. Scandent or subscandent 2–10 m. Th. unripe
19112.	?	Vine 20 m. Th. white. Fl.?
~~[illegible]~~	Strychnos	20 m. or more (also on ridges). Th.? Soft fleshy yellow fl.
~~19279.~~	~~?~~	~~Creek fringing forest. 5 m. Th. green. Fl.?~~

Epiphytes & parasites

19041.	Ficus.	O. low on trees. Leaves fleshy, iridescent above.
42.	Hymenoph.	O. " " " 2 cm. Small mats.
44	Ficus.	O. low, climbing.
49.	Asplenium nidus	C. nest epiphyte. Leaves 80–110 cm.
57.	Vittaria	Small masses. Pendent to ± 50 cm.
19113.	Hymenoph.	Matted on lower tree trunks & rocks. 1.5 cm. (flabellate sp.).
~~17~~		

Mosses & hepatics — epiphytic

19050.	Moss	Living bark of trees.
51.	Hep.	Decaying log.
52.	"	" Carpeting logs. This & 19051 the most A. bryophytes.
61.	Moss.	Dead bark of trees.

Iron Range

Rain forest — flood plain

Woody undergrowth cont:

19654. Pittosporum — O. shrub 1.5–2 m. Fls. cream. Fl: ?

Herbaceous undergrowth

19037. Dryopteris — O. 50–70 cm. Rhizome short, ascending.
38. Gram. — S. ascending 40–50 cm. Fleshy culms
39 " — O. ascending 30–50 cm.
40. Adiantum — F. Steep loamy banks of streams 40–50 cm.
56. Pteris ? — S. 25–30 cm. (Lockerbie also).
59. Doodia ? — O. banks of streams 30–35 cm.
68. Tub. — Ascending 30 cm. Fls. lavender.

1

Eron Range

Rain forest – high ground

Trees, canopy

19124.	~~Prot.~~ Macadamia	Lower ridges. 25 m x 35 cm. Abundant cream fls. Fl.? Thick, flaky-scaly brown bark.
49.	Nominalia	Lower ridges. ±30 m x 35 cm. Fls.? Fl. purple. Close gray bark.
52.	Anon.	" " " " 40–50 cm. Fls.? Fl. green, aromatic " " "
99.	?	Ridges. 20–25 m. x up to 30 cm. Fls. salmon-pink. Fl. green
19200.	Sapot.	" 25 m. x 35 cm. Fls.? Soft red fl. Bark gray, ± fissured.
63.	?	Ridges to NW. 50 m. all: 25 cm x 35 cm. Fls. cream. Fl. unripe. Bark gray, hard, longitudinally furrowed. Wood yellow, smelling like raw bacon.
94.	Calophyllum	Ridges. 25 m x 30 cm. Fls. wh. Fl.? Gray ± scaly bark.
98.	Castanospermum australe.	One of the commonest canopy trees in the r. forest. Up to ±35 m x 40 cm. Fls. red or yellow. Pods. Inf. lateral on smaller branches.
19300.	?	Lower ridges. 25 m x 35 cm. Fls. cream. Dehiscent orange fl. = #?

Trees, subsidiary

19066.	Nauclea?	Tree 20 m x 20 cm. Fl. unripe. Roughish black bark.
70.	Monim.	Substage layer, ridge R.F. 12 m x 15 cm. Fls. green
19116.	Helicia glabrescens	F. in substage. 15–18 m x 12–15 cm. Fls. whitish (pink in bud).
19224.	Legum.	Gallery R.F. 12 m x 25 cm. Fls.? Pods flat, green
57.	Hymenosporum / Pittosporum	Ridges. 20 m x 20 cm. Fl. buds. Fl.
59.	Clerodendron	" 20 m x 18 cm. Fls.? Fl. blackish, calyx red.
66.	Mischocarpus sp. nov.	" NW. 20 m x 25 cm. Fls. gr. Fl.?
76.	Glochidia	Gallery R.F. 7 m x 25 cm. Fls. soft.
82.	?	F. substage. 6–10 m. Fls. gr. Fl. gr.
84	?	Ridges. 15 m x 20 cm. Fls.? Fl. orange-yellow, soft, fleshy
97.	Litsea leefeeana	Ridges. 20 m x 25 cm. Fls. green. Fl.?

19293.	Pandanus kraueliamus	C. in hollows & gullies. 10–12 m. Long proproots. see notes
19267.	Licuala ramsayi	P. locally in gullies. Fan palm to 10 m.
19071.	Palm. Ptychosperma elegans	F. on ridges. 5–7 m, 1 stem: arching pinnate leaves to 180 cm. Fl. red.
19159.	Arckontophoenix alexandrae	Edge of Gordon's Tk. 16 m. Large feather leaved sp.
19207.	Gulubia costata	P. in wet bottoms of ravines in hill forest. Up to 35 m.
50.	Palm. – Hydriastele wendlandiana	Local Mt. Thea 150 m. Clumps to 16 m. Pinnate

Eron Range

Rain forest — high ground

Woody undergrowth

19096.	Monim.	Shrub 1.5 m. Fl. red.
19118.	Syzygium	Treelet 2 m. Fls.? Fl. green
19.	Rub.	Treelet 2 m. Fls.? Fl. orange-yellow.
21.	Sapind. Harpullia angustifolia	O. tree 3-4 m. Fls.? Leaves to 70 cm long. Fl. red. etc.
~~24.~~	~~Prot.~~	
19144.	Ulm.	Tree 4 m. Fls. green.
45.	Dracaena	O. ± 1 m. Fls. purplish wh. Stem simple. Leaves ± glauc. below
46.	Evodia Elleryana	Dryish forest of ridges. 6 m. (tree). Fls.? Fl.
91.	Laportea	F. in open situations. Shrub 1-2 m. Stem simple. Fl. wh. A very virulent stinging plant.
19208.	Rub.	Moist ravine in hill forest. Shrub 1 m. Fls. wh. Fls. wh.
11.	Pavetta	Dryish forest of ridges. Tree 6 m. Fls. wh.
17.	Aral.	O. ridge R8. shrub 1 m.
36.	? Ferrarea brownii	Tree 5 m. Fls.? Fl. dehiscent.
55.	Bamboo.	Moist ground (mostly floodplains). 10-12 m. (See Gul. p. 113).
56	"	Probably a young pre-flowering stage of 19256.
64.	? Rhyticarpum	C. in gullies of ridges NW. Tree 5-6 m. Fls. gr. yell. Fl.?
77.	Legum	Tree 6 m. Fl. buds only. (Mimosaceae?)

Herbaceous undergrowth

19072.	Scroph.	Open sandy bank of a stream. Prostrate. Fls. purplish-white
73.	Lil.	" " " " 30-50 cm. Fl. wh., with dark br. anthers
74.	Grass	" " " " ± 60 cm. Ascending.
75.	Doodic	C. steep shady banks. 30-40 cm.
19117.	Zing.	Eng. locally on flats. 4-5 m. Red fls. with underground ovary.
22.	Tapinochilos?	3 m. Bracts red.
47.	Acanth.	50 cm. Fls. wh., veined purple
48.	Leptaspis	F. dryish forest. Seldom fertile
50.	Eranthemum	F. " " of ridges. 20-30 cm. Fls. wh. spotted purple.
51.	Fern.	P. locally " " " 40-60 cm. Dimorphic.

Vines

19141.	Comp.	Lower ridges. 15 m. Fls. wh.
42.	Uncaria	" " 15 m. Fls.? Fl. green
43.	Strychnos	F. " " (& floodplains). Height: 20 m. or more. Fls.? Fl. yellow, soft, fleshy.
19212.	Lindsaya?	Climbing to 1 m. in a wet ravine.
95.	Omphalea	F. climbing high on tops of canopy trees — to 30 m. Fls.? Large orange fl.

Eron Range

Rain forest – high ground.

Woody undergrowth cont

19281. Manilloa. O. Lower ridges. Tree 5-8 m. Young leaves pink, very conspicuous in the forest

99. Cordyline F in primary forest. Tree 4-7 m. Fl.? Fl. orange

19301. Micromelum minutum O. tree 5-6 m. Fls. wh. Fl. orange.

21. Rub. Forming a thicket in an open gully. Shrub 2-3 m. Showy wh. fls. Leaves scabrous.

29. Barringtonia C. banks of streams. Leaning stems 6-7 m. Fl. buds only.

30. Rub. Banks " " Shrub 1 m. Fl. wh. = #?

Epiphytes & parasites cont.

19296. Villaria C. large clumps high on trees. Pendent to 80 cm.

19322. Dendrobium undulatum. F. high epiphyte. Clumps 50-100 cm. Brinkled gold & purple-br. fls.

19652. Loranthus. Large sp. Fls. red.

56 " 40 cm. Enconsp. yellow-gr. fls.

57. Nototherios On a tree. 50 cm. Fls. gr. Fl. green, warty.

Vines

19326. Freycinetia insignis? A. in ravines. Very large sp. 20-25 m. Leaves to 110 cm. Sterile.

27. Piper F. " " Climbing shrub to 10 m. Fl. br-orange. Pleasantly aromatic

28. Freycinetia O. banks of streams. Scrambling & climbing to 10 m. Leaves small. Sterile.

Substage trees

19331. Monim. 10 m x 15 cm. Fls. gr. yell. Fl. unisex. Stiff, often toothed leaves.

19658. ? 15 m x 12 cm. Fls. cream. Fl.?

66. Cantheum? 12 m x 15 cm. Fl. buds. Fl. 2 lobed.

19309. Pandanus off pseudo-insignis. sp. nov. O. in gullies. 12-14 m. Very large sp. with thick stem, branched crown, & many long, prickly stilt roots.

10. Palm. F. 4-7 m. Stem 1, slender. Unopened spadices only (Eaten by rats?)

Ptychosperma capitis-Yorkii

Iron Range

Rain forest - high ground

Epiphytes & parasites

19153. Ficus. Thick & high bushes. Rhiz. scandent. ferrug. leaves ± 1 m. Shield leaves 25 cm.

37. Cyclophorus. High epiphyte. Leaves very thick & fleshy.

60. Ficus. High "

89. Cyclophorus " " Leaves smooth, shining, ± 10 cm. long.

97. Loranthus Fl. red, yellow & purple.

19246 Cyclophorus Tob. Mt. Thos (50 m.). ± 30 cm. Leaves cliff, greyish below.

47. " " " - " 9 cm. Leaves thick, fleshy.

51. Orch. F. low on trees. Fls. - smooth gr. & red.

52. Asplenium aff. nidus Mean ground on ridges. Large epiphyte: leaves ± 110 cm. long.

75. Bulbophyllum. Low in gulley forest. Fls. bn-green. Leaves ± 200 thick.

Ericaceous undergrowth, cont:

19153. Leptaspis Frag. in small groups on ridges. ± 60 cm. Spikelets pink.

15209. Hugsiophyllum F on banks of streams in ravines. Stalked leaves ± 3.5 m. long.

10. Thracostachyum? Trampled in wet bottom. ± 1 m. Nuts bluish-grey.

16. Ficus. O. on banks of a stream in a deep ravine. 80-100 cm.

34. Bryophyllum Bank of a stream. ± 1 m.

35. Tranchemum 20-35 cm. Fls. wh. Leaves greyish below.

80. Hemisicheum Thin forest on ground flooded in wet season. 80-150 cm. Large clumps.

85. Balanophora Scattered colonies, bog like ground. Yellow. Stinking? See label

88. Cyperus O. in openings. 70-100 cm. Stems usually 1, cont:

90. Ficus F in open patches on ridges. 30-50 cm.

15319. Gram. Frag. in openings. Tufted. Culms 50-80 cm.

23. Balanophora. Monoecious. Dry shrubby ridges.

Vines

19249. Calamus. P. on hills. To 80 m. Fl: unripe.

53. Flagellaria Hills 150 m. (Mt. Thos). 20 m. Fls yellow: stamens & stalked pistils minute.

79. " Thick forming forest. 3 m. Fls. green. Fl: ?

91. Convol. O. ± 15 cm. (= #?). Fls. pinkish-wh.

Thorns

19204. Decaying wood on ground.

5 C. leaves tree trunks

14. Rambling rocks & logs in a moist ravine

58. Leaves tree trunks in Pt. 8.

Eron Range

Rain forest regrowths

19120.	Solanum.	Tree 4 m. Fls. purple. Fl.? alt. 20 m.
19155.	Breynia	F tree 6-8 m. Fls.? Fl. red. Young leaves coffery red.
58.	Morinda	Tree 6 m. Fls. cream. Fl. yellow-gr., soft.
19194.	Aristolochia	Vine 2 m. Fls. blackish purple.
95.	Muehlenbeckia	C. up to 10 m. (also in forest margins). Fls. green.
98.	Commersonia	A. characteristic tree up to 15 m. Fls. wh.
19243.	Fern.	Dense growths top of Mt. Shea. 80-100 m.
44.	Dodonaea viscosa.	Top of Mt. Shea (180 m.). Tree 5 m.
45.	Cucurb.	" " " Vine 3 m. Fls. wh. Fl. unripe
48.	Amaranth.	" " " Herb 30 m. ascending. Fls. gr.
92.	Tournefortia	Subscandent shrub 2 m. Fls. br.-wh.
19311.	Musa.	F in Eucl. growths. 3-5 m. x 10-15 cm.
15.	Macaranga.	F " " Tree 5-7 m. Fls. green.
16.	Panicum.	Scrambling to 3-4 m.

Gron Range

Rain forest marginal communities

Trees

19060.	Grewia?	Tree 10 m x 15 cm. Fls. wh. (Shrub on Savanna forests)
19190.	Alstonia	F in edges. to 25 m. x up to 30 cm. Fls. wh. Fl. 45 cm. long.
96.	?	Dryish edge of gully RF. 15 m. x 15 cm. Fls.? Fl. to 2 cm. dia.
19332.	Timonius Rumphii.	Margins of dry forest. 10 m x 20 cm. Fls. wh. Dark rough bark.

Shrubs

~~1901~~ 19105.	Randia?	Leaves scabrous. Showy wh. fls. 1.2 m. tall. (Ridges)
19221.	Rub.	Edge of forest (gully). Shrub 1 m. Fls. wh. Fl.?
33.	Cassia	F 2-3 m. Fls. yellow. Leaves punctate below.
19333.	Rhodamnia	C. locally in brushy edges. 2-3 m. Fls.? Fl. white.

Herbs

19064.	Gahnia.	O. large clumps ± 1 m. Fl. unripe. Leaves glauc. below.
19156.	Oplismenus	C. locally. 20-30 cm.
19219.	Panicum	Greg. in margins of dryish forest. 40-50 cm.
20.	? (Begonia?).	Grouped in semi shade on grassy edges of gully forest. Sterile. Sol. leaf to 13 cm. wide, flat on ground.
89.	Panicum	C. 30-40 cm. Spreading & ascending.
19314.	Arac.	O. in open edges. 20 cm. Spading yellowish-wh.
18.	Oplismenus	Greg. in margins. 40-60 cm. Ascending.
20.	Desmodium	Greg. in grassy edges. 1 m. Fls. purple.
23.	Balanophora	Monoecious. Dry shrubby edges gully forest. 12 cm. high.
24.	Fern.	Open edges. 120 cm.
34.	Hymenoph.	Covering moist schist rocks in a ravine. ± 1 cm.

Iron Range

Rain forest marginal communities

Vines

19065.	Cissus	F. 3-4 m. Fls. green. Ft. red. (Globrous).
67.	Cissus	3-4 m. Fls. green. Ft. unripe (soft pubescent).
19192.	?	C. up to 15 m. Fls. wh. Ft. unripe
95.	Muehlenbeckia	C. (also in regrowths) to 10 m. Fls. greenish.
19238.	Asclep.	3 m. Cream fls.
39.	Conv.	2 m. Fls. gr.-wh., inflated & 5 lobed at base.
68.	Tanavalia	F. to 15 m. (climbing). Fls. pale purple. Ft. unripe.
78.	Tarattia	Edge of creek fringing forest. Tree 12 m x 30 cm. Bark only slightly corky.

Iran Range

Savanna forest

Trees

19046. Timonius — F. slender tree 5 m. Fls. wh-Fl.?

82. Casuarina — A. with Melaleuca spp. on crest of a gravel ridge 7.5 m. all. 4-6 m. Bark rough. (also in Lankey Bush).

91. Melaleuca symphyocarpa? — P. with Casuarina a infertile gravel ridges. 8-10 m. Fls. red x 15-20 cm. Bark fibrous, deeply fissured.

95. Acacia. — A. infertile gravel ridges. 5-7 m. Yellow, strongly perfumed fls. in elongated spikes. Pods?

97. Acacia. — P. in SF. 5-10 m. Rough bark. Whitish & yellow heads. Pods?

98. Xylosporum fabricii. — A. in grass tree country on gravel ridges. 5-8 m. Fls. yellow

19126. Wilsoniana — F. 8-10 m. Leaves very yellow. Fls. green

35. Eucalyptus — (Bloodwood). Principal tree of SF of ridges. 10-25 m. Fls. cream

40. Xanthostemon crenulatus crenatum — F. stony ridges 5.0 m. all: 10-12 m x 20-25 cm. Fls. only. Thick soft flaky-scaly bark.

19201. Acacia mangium — Bloodwood SF of red soil ridges. ± 80 m. x 45 cm. Fls. whitish Leaves ± glaucous.

03. Wormia alata — F. on ridges. up to 15 m. x 30 cm. Fls. yellow; style red. Bark reddish-br. shedding in thin papery flakes.

71. Acacia — F. adjacent to RF. (ridges). 10-12 m. x 15-20 cm. Fragrant yell. fls.

Shrubs

19060. Grewia? — Near rain forest, where it is a marginal tree ± 10 m. tall.

19125. Melastoma — A. ± 1 m. Fls. purple.

34. Desmodium — O. on ridges. 1 m. Fls. purple

35. Acal. — One specimen 1.2 m. Fls soft.

19202. Grewia — O. in bloodwood SF of red soil ridges 1 m. Fls.? Fl.

25. ? — Mesomata SF of ridges. 40 cm. Fls. wh. later yellow. Leaves stiff

41. Hibiscus rhodopetalus — O. in bloodwood SF of ridges. 30-40 cm. Fls. rose.

42. Leptonia — " " " " 2.5 m. Fls. reddish-purple.

54. Blechnum — F. in SF adjacent to RF. 2 m. Fls soft.

60. Cyp. — Abundantly scattered & roomy thickets adjacent to RF. ± 2 m. Fl. black, shiny.

61. Fleurya — F. adjacent to RF. ± 2 m. Fls. wh. Fl. wh.

~~72. Eboroid.~~ ~~O. in agnia~~

Iron Range

Savanna forest

Grasses

19131. O. stony soil. 50 cm.
37. A. on an ironstone ~~load~~ lode. 60-80 cm.
19227. Eragrostis Muddy bed of a stream. 60-80 cm.
30. Andropogon F. ± 2 m. Clumps of numerous wet culms.

Trees, cont.

19274. Timonius Rumphii. C. adjacent to R.F. 6-8 m x up to 25 cm. Bardbr. scaly bark. Fls. cream.
19312. Pandanus Scattered, or greg. in groves on flats. 5-7 m. See label.

Sedges

19228. Fuirena C. muddy bed of a stream. 20-35 cm.

Eron Range

Savanna forest

Herbs

19100.	Gleichenia.	Greg. in a shrubby gully on ridge 75 m. 30-40 cm. Stiff
07.	Osbeckia chinensis	Amongst long grass. 70-80 cm. Fls. purple.
27.	Zeon	Greg. locally amongst grasses 20-40 cm.
28.	Gonidium	F. in thin ground cover on stony ridges. Fls. orange.
29.	Conv.	F. stony ridges. Subprostrate. Fls. blue
30.	Rub.	F stony ridges. Erect 40-80 cm. Fls. purple.
32.	Orch.	S. " " 25-50 cm. Fls. green with orange hinge
33.		Scattered " " 10-15 cm. Fls. white
36.	Polygal.	O. stony ridges. 15-50 cm. Fls. purplish
38.	Dianella	Greg. locally " 60-100 cm. Fls. blue
19218.	Isoetes	Muddy bottom of a stream. 15-20 cm.
22.	Acanth.	Sandy moist bank of a stream. 15-30 cm. Fls. violet. Fleshy.
23.	Spermacoce	C. in mesmate Sf of ridges. to 50 cm. Fls. lavender.
26.	Scroph.	Shallow muddy soil of a rocky creek bed. to 20 cm. Fls. purp.-wh. ~~Fleshy~~ Fleshy.
29.	Polygal.	C. locally. 25-50 cm. Fls. purplish.
31.	Rub.	Open rocky stream bed. 20-30 cm. Fls. wh.
32.	Rub	" " " Subprostrate. Fls. wh.
69.	Polygal.	S. quartz ridges 60 m. alt. 30-60 cm. Fls. greenish.
19313.	Zeon.	F in long grass. 30-60 cm.

Epiphytes & parasites

19083.	Viscum.	Parasitic on Loranthus sp. Fl. globose, yellowish, 4 mm. dia.
19305.	Myrmecodia	C. on trees 20-50 cm. Fls. wh. See label
25.	Loranthus.	Fls. red & yellow.

Quartz ridge 75 m. alt.

Iron Range

Turkey bush

Trees

19082. Casuarina.	Tree, rough barked, 4-6 m. (& in nearly savanna.
91. Mel. symphyocarpa?	Small tree. Fls. red. " " "
99. Leptospermum fabricia	A. in grass tree community. Fls. yellow.

Shrubs

19084. Santalac.	S. on infertile quartz ridge. 1 m. Fls. yellow.
85. Dodonaea	O. with Casuarina & Melaleuca .... 1.5-3 m. (Tree or shrub).
86. Jacksonia	P. in shrubby growths; quartz ridge. ± 1 m. Densely branched & usually flat-topped. Fls. purplish-pink.
87. Hibbertia Banksii?	Forming small thickets. 1-2 m. Leaves broad. Fls. yellow
89. Gompholobium	O. 40-60 cm. Fls. yellow
90. Like Trocanthemum	Shrub ~~[illegible]~~ Fls. yellow.
94. Xanthorrhoea	A major element. Up to 2 m. total height. Old fl. spikes.
98. Marinda reticulata	S. 40-50 cm. Bracts wh. above, greenish below. Often subprostrate
19101. Agonis	"Turkey bush leatree." This & Xanthorrhoea the principal elements of shrubby communities on infertile quartz ridges. Fls. white.
04. Acacia	A. with Agonis & Xanthorrhoea. 75-150 cm. Branchlets much compressed. Fls. whitish. Phyllodes ± glaucous.
19272. Epacrid.	O. in Agonis scrub. Bushy, 30-40 cm. Fleshy orange-yell. fl.
~~73. Rub.~~	

Herbs

19092. Buchnera.	S. amongst shrubs & Xanthorrhoea on infertile quartz ridge. Pink fls.
93. Spermacoce?	P. " " " " 30-40 cm. Fls. violet

Eron Range

Turkey bush

Grasses

19088. Aristida — C. on infertile quartz ridge. Large open clumps ± 50 cm.

19270. Eragrostis — S " " " 20-30 cm.

Parasites

19103. Tassytha. — On shrubs. Fls-yellow.

Eran Range

Water plants

19076.	Hydrocharit.	In a still pool in a rain forest stream. Br.-green
77	?	Submerged in a quiet sunny pool in RF stream. Green
78.	Nitella Tonderi Braun.	" " " " . Green
79.	Chara gymnopitys Braun.	Marred in edges of sunny pools " " " Green
80.	Aponogeton?	P. in sunny pools " " " [illegible] fls. above water

Tozer Gap Camp 100 m. = 300 ft.

excluding Tozer Range & Mt. Tozer.

Rain forest

Rain forest marginal communities.

Rain forest regrowths

Savanna forest

Tenkey bush.

Floodbanks of creek in rocky gorge.

Proffelsney Peak

Tozer Gap Camp.

Rain forest

Trees, canopy

19407. Callitris P. Rocky sides of gorge 60m. To 20m x 35cm. Bark grey, fibrous.

19519. Xanthostemon chrysanthus F. gully woods. 10-15m x 30cm. Fls. gr. yellow.

Trees, subsidiary. Tryptocarya cunninghamii

19433. ~~Cinnamomum~~ 15m x 20cm. Fl. buds only. Wood smelling like Coconut oil.

38. Acronychia laevis 15 x 20 cm. Fls.? Fl. immature.

~~58. Podocarpus~~ ~~C.~~

19562. ~~Tam~~ Endiandra glauca C. in poor forest on rocky slopes. 6-8m. Fls & fl.

Tozer Gap Camp

Rain forest

Trees, substage

Woody undergrowth

19344.	Rapanea	Shrub 2 m. Fl.? Ft. wh.
80.	Malv.	O. in gullies. Shrub 4 m. Fl. wh. (Also Puffdelaney Peak)
19406.	Myrtus?	Treelet 2 m. Fl.? Ft. unripe
39.	?	Tree 3 m. Fl. green Ft.?
43.	Croton	F. shrub 2 m. Fl. wh. Ft.?
49.	?	Very slender tree 2-4 m. Fl. gr. Hard gr. ft. to 2.6 cm. dia.
19503.	Aral.	F in gulley woods. Shrub 1.5-2 m. Fl. yellow. Petioles orange.
20.	~~Anacard.~~? Diploglottis sp. nov.	O. tree or shrub 2.5-3 m. Fl. cream. Large pinnate leaves.

Tozer Gap Camp

Rain forest

Herbaceous undergrowth

19374.	Ophiorrhiza.	Freq. small colonies in a RF gully. 30-40 cm. Fls. wh.
75.	Gram.	Freq. open sandy banks of a stream. Drooping; 80 cm.
19408.	Boea hygroscopica	½ shade on rocky sides of gorge Fl. only. Silver grey rosettes.
44.	Fern.	With Asp. nidus on rocky slopes. Erect; fbsly 50-80 cm.
45	"	Freq. slopes of a ravine. Infts 60-80 cm.
46.	Hymenoph.	Covering granite rocks 3-3.5 cm.
Eph. type ~~50.~~	"	~~Covering bases of trees on stream bank. Under 1 cm.~~
Eph. " 51.	Orch.	Massed on rocks. 1.5 cm. Fls. wh.

Vines

19432.	Apoc.	Canopy liana 20 m. Fls. br-white. Follicles br., hard, not lobed.
47.	Hoya	One example bank of a stream. 8 m. Corolla blackish-purple, 8-8.5 cm. dia.
19504.	Menisp.	"Wire-vine" of poor R.F. & leaky bush. 3 m. Fls.

Tozer Gap Camp.

Rain forest

Epiphytes & parasites

19377.	Orch.	Leafless sp. 1 cm. on an u.g. shrub. Fl. pale green.
19442.	Orch.	Low on trees. Fl. purplish red & emerald green. Spur yellow.
48.	Cyclophorus	On a log. Dark glossy green. up to 13 cm.
50.	Hymenoph.	Covering bases of trees by a stream. under 1 m.
19511.	Dendrobium	Large masses high on trees. 40 cm. Fl. yell-gr. mottled & streaked with red.
~~26.~~	~~Orch.~~	~~O. low epiphyte.~~

Mosses

19382.	On dead wood.
83.	A. ~~[illegible]~~ bases of trees & on dead wood.
84.	Dead logs.
85.	Rotting logs.
19440.	Trunk of a living tree.
54	Wet rocks in bed of a stream
55	Lower trunks of trees
56	"
57	Covering stones in a stream

Tozer Range & Mt. Tozer

Rain forest of slopes

Trees

Woody undergrowth

Herbaceous undergrowth

19367.	Acanth.	Brushy Rt	200 m.	60-80 cm.	Fls. wh. mottled purple-red. Ascending.
68	"	"	"	60-110 cm	Fls. purplish-wh. Simple, nut.

Tozer Gap Camp

Rain forest marginal communities

19338.	Acanth.	Shrubby borders of gully R.F. Herb ±1 m. Fls. wh. with pink spots
39.	Hibbertia	Greg. " " R.F. Shrub 50-80 cm. Fls. pale yellow.
40.	Hovea ?	D. in dense border shrubberies. Shrub 1.5-2 m. Fls. deep violet. Pods inflated.
76.	Acanth.	F. in breezy gullies. 50-80 cm. Fls. pinkish. Erect simple stems.
78.	Scheria	Greg. " " 80-140 cm. Nuts white.
79.	Lycopodium	C. R.F. edges. Climbing 4-5 m.
81.	Ferm.	Edges of gully fringing R.F. 30-60 cm.
19516.	Gleichenia	Greg. in edges gallery woods. 40-100 cm.
17.	Hedyotis	O " " " " Shrub 60-80 cm. Leaves fleshy.
18.	Rub.	F. " " " " Shrub 1.5 m. Fls. wh.
~~19~~	~~Xanthosteman~~	~~F gallery woods~~

Tozer Gap Camp.

Rain forest regrowths

19434.	Leg.	F. vine 2 m. Fls. pale purple. Bracts green.
35.	Piptuma	VB major constituent. Tree 6-8 m. Fls. wh.
36.	Leg.	Vine 6-8 m. Fls. yellow. Leaves metallic blue. Plant foetid
37.	Conv.	F. vine 2-3 m. Fls. dirty white.
41.	Commel.	C. locally. Herb 30-50 cm. Fls. purplish-wh.

Tozer Gap Camp

Savanna forest

Trees

19418.	Pessonia	F. on sandy ridges. 6-7m. Fls. yellow. Leaves ± glaucous
98.	Acacia cf. A. Peuce.	O. on rocky ground. 5-8m. Fls? Pods. Leaves glaucous; hard rough deeply fissured br. bark.
19513.	Deplanchea	F. on stony ridges. 7-15m. x up to 35m. Fls. yellow.
21.	Santalum	One example. 6m. Fls.
19027.	Mel. leuc. var.	C. in poor SF. Grey papery bark. Fls. pale red. 6-8m.
19167.	~~Xanthostemon~~ ? Metrosideros tetrapetala	Sandy bed of a creek (really a RF sp.?). Fls. wh. (10m x 15m

Shrubs

19499.	cf. Trocanthemum.	C. in shrubby v.g. 40-60cm. Showy yellow fls. Several weeks & terms from a thick stock
19500.	Gompholobium	P. locally in shrubbiness. 50-120cm. Fls. yellow & green
02.	Santal.	O. in scrubby SF. ± 1m. (also Tip).
05.	Phyllanthus	C. in shrubby SF. 1m. Fls. wh. Leaves ± glaucous.
09.	Legum.	Local " " 60-100m. Fls. yellow. Simple or little branched
10.	Acacia	P. locally " " 1-1.20cm. Upright; branches flattened
14.	Nepenthes mirabilis	C. brushy edges of gullies 1-1.5m. Fls. of ♂ & ♀ with strong mousey smell.
19024.	Hibbertia	P. in shrubby v.g. 30-40cm; much branched - Fls. pale yellow.
25.	Morinda reticulata	40cm.
28.	Agonis	Principal element in shrubby v.g. 1-1.5m.
30.	Hibbertia	P. shrubby v.g. 1m. Fls. yellow; Leaves brownish below. Encl:

Tozer Gas Camp.

Savanna forest

Grasses

15336. Panicum — Moist brushy banks of a gully. Ascending, 1 m.

19423. Paspalum — Shaded wet banks of a stream. 25 cm.

Epiphytes & Parasites

Tozer Gap Camp

Savanna forest

Herbs

19335.	Velleia	Greg. on small ~~tare~~ grassless patches in sandy St. Fls. yellow.
40.	Lil.	A. locally sandy St. 60-80 cm. Fls. yellow.
41.	Selaginella	Moist shaded erosion banks 5-8 cm.
54.	Spathoglottis	One plant in a swampy gully. 130 cm. Fls. pale magenta
73.	Lab.	Fls. violet.
19419.	Halorages	Moist shrubby edges of a gully. 25 cm. Fls. red. Diffuse.
20.	Drosera	S. in a moist bottom. 25-45 cm. Fls. wh. later pink.
21.	Utricularia	Moist open banks of a gully. 4-10 cm. Fls. yellow. Sepals red.-br.
22.	"	C. " " " " 4-20 cm Fls. pinkish wh. Sepals metallic blue-gr.
29.	Moss	On ground where logs had burned
19507.	Polygal.	C. locally in shrubbers on rocky ridges. Woody herb 5-100 cm.
~~08.~~		Fls. cream. Leaves grey green.
08.	"	O. in St. 60-90 cm. Fls. purple & wh. (C. on Tip).
15.	Hylidium	Wet banks of a gully. 4-20 cm. Fls. wh.
23.	Haemodorum	S. 70-90 cm. Fls. red.
19029.	Spermacoce	C. 50-70 cm. Fls. violet.

Sedges

19337.	Gahnia	P. on shrubby edges of gullies. Large clumps 60-100 cm. Nuts red.
43.	"	Greg. wet sandy banks of gullies. 10 cm.
19501.	Cladium ?	Scattered on sandy floodbanks. Clumps ± 1 m.

Tozer Gap Camp

Savanna forest

Vines

19431. Dioscorea Adjacent to R.F. 3 m. Large cylindrical tubers 40 x 5 cm.

Tozer Gap Camp

Turkey Bush

Trees

19528. Trevillea chrysodendron. F. tree 5-6 m. Fls. golden yellow.

Shrubs

19424. Euph. P. in Agonis scrub on sandy ridges. 2-3 m. Fl. only. Erect branchell.

25. Hibbertia Banksii? P. " " " " 1-1.5 m. Fls. yellow. Stiff leaves br. below.

27. Epacris. S. 20-40 cm. Fls. wh. Fl.? Leaves glauc. below.

28. Boronia P. locally 30-60 cm. Fls. pink.

19165. Zenzlia. Thrubberies on sandy granitic soil. 1-2 m. Abundant pink fls.

Herbs

19426. ? C. in Agonis scrub. 20-25 cm. Fls. wh, later pink or br. Showy.

Tozer Gap Camp

Flood banks & bed of creek in rocky gorge. (60 m. alt).

19409. Tristania? ~~? exilifolia~~ C.; restricted to flood banks. Tree to 25 m x 40 cm. Smooth grey bark pale.
10. Callistemon ~~verminalis~~ A in rocky open bed of stream. Tree 3-5 m. Fls. ?
11. Utricularia Moist crannies " " " 10-23 cm. Fls. purple.
12. Juncus ? Leptocarpus sp. Scattered on open sandy edges of stream. Large drooping clumps 1.5 m.
13 Juncus ? " " " " " " " Erect 1 m.
14. Utricularia. Rocky open bed of stream. 8-16 cm. Fls. yellow.
15. Euph. ½ shade on rocky flood banks. Thumb 20-40 cm. Fls. wh.
16. ~~Xanthostemon~~ ? C. in open rocky bed of creek. Tree 5-10 m. Fls. ? Fls. green.
~~19528. Grevillea chrysodendron. F. in boulder flood bed. Tree to 6 m. Fls. golden.~~
Metrosideros tetrapetala

Summit, 300 m.

Tozer Gap Camp

Puffdelooney Peak

Rain forest

19356. Quintinia — Tree 12 m x 25 cm. Fls. wh., fragrant. Leaves grayish below

61. ~~Hornychia~~ (Halfordia?) Kendack — R.F. of a ravine. Tree 7 m x 12 cm. Fls.? Fl: reddish-purple, fleshy.

63. Pandanus — C. brushy R.F. & adjoining Leptospermum(?) scrub. 5-7 m. See label

66. Apoc. — Brushy forest 250 m. Vine 3 m. Fls. br-yellow. Fl: unripe.

19364. Myrt. — Several trees in a sheltered chimney. 8-12 m x up to 30 cm. Fl. buds. Soft gray scaly bark.

Scrub & brushy forest

19345. Hovea? — V.A. in scrub & brushy forest 300 m. Shrub 2-3 m. Fls. deep violet.

46. Leptospermum ?? — D. in scrub of rocky, granite summit. Tree 3-6 m. Fls. wh. Fl: Very picturesque tree with usually several contorted stems, etc. See label & journal "Japanese tree".

49. Melaleuca symphyocarpa? — P. tree to 10 m. a shrub on exposed bluffs. Fls. red. ("Red teatree")

51. Euph. — P. in scrub on exposed granite bluffs. Shrub 50-150 cm. Fls. yellow. Leaves gray below.

52. Malv. — Shrubberies on " " " Shrub 1 m. (divicious). Fls. wh, later pink.

55. Euph. — V.G. of brushy forest. Shrub 1 m. Fls. wh.

58. Phyllanthus — F. in scrubs. Under 1 m. (shrub). Little branched.

60. Fern. — Scattered in semishade in shrubberies. 15-80 cm.

62. Cladium — Scrub of summit. Few stems in tufts 90-130 cm.

Granite rocks of windswept open summit (300 m)

19347. Ficus — Tree 2 m. Low sprawling habit

48. Leptospermum — Shrub 30-150 cm. Comp. wh. fls. Leaves smooth & shining. (Rock crevices on a windswept bluff.

also forest: 50. Hibbertia — V.A. on bluffs & in u.g. of brushy forest. Shrub 50-100 cm. Fls. pale yellow.

57. Halorazis — Matted in rock crevices. Herb 20-30 cm.

65. Gram. — Covering small soil pockets in rock crevices 250 m. 10 cm.

Togar Range & Mt. Togar 200 m. & higher

Rain forest of slopes — up to 400 m.

Rain forest of ~~summit~~ upper levels — above 400 m.

~~Dense~~ Dense scrubs of upper levels

Summit of Mt. Togar (540 m).

Tozer Range & Mt. Tozer

Rain forest of upper levels

Trees, canopy

19458. Podocarpus — C. ± 18 m x 25 cm. Thin pale br. fibrous bark. Very glaucous seeds. Long leaves

65. ? — F. ± 18 m x 30 cm. Fl. ? Fl. yellow.

66. ~~Acronychia~~ (Halfordia) Kendack — F. ± 18 m x 20-30 cm. Fl. ? Fl. gr-wh. aromatic.

67. ~~Rut.~~ Acronychia melicopoides — 20 m x 30 cm. Fl. ? Fl. 4-angled, yellow, acid. Leaves 3-fol.

Trees, subsidiary

19398. Ficus. — On a face of granite 425 m. 5 m. Low, spreading habit.

Tozer Range & Mt. Tozer

Rain forest of upper levels

Trees, substage

Woody undergrowth

19388. Pittosporum. Shrub 2 m. Fls.? Empty fts. only.
19461. Ervatamia Tree 4 m. Fls.? Ft. unripe
62. Euph. A. char. sp. of u.g. Tree 3-4 m. Fls. wh.
63. Rapanea Shrub 2 m. Fls. cream. Ft.?

Mosses

19470. Rotten wood on Rt. floor
72 " " " .

19399. Cyathea. A. in moist ravine 425 m. To 3 m. Slender sol. stem.

Tozer Range & Mt. Tozer.

Rain forest of upper levels

Herbaceous undergrowth

18389.	Blechnum	F. 425 m. Less W ± 1 m.
18460.	Hymenophl.	P. moist banks of stream 425 m. 10–18 cm. Very dark green.
62.	Tod.	Frag. semi-shade on a granite rock face. 50–60 cm. Pl. lavender.
60.	Hymenophl.	Matted on wet granite rocks in gully 425 m. Only 4–5 mm.
68.	Fern.	C. 30–35 cm.

Vines

19459.	Piper	Climbing 2 m. Pl. heads elongated, red (2 × 1.4 cm).
69.	Orchid.	F. stems unbranched, climbing 3–4 m.; plant fleshy. Flowers.

Epiphytes & parasites

18386.	Platycerium	F. Plants 30–60 cm. diam. 425 m.
91.	Moss.	Base of a dead tree "
92.	"	Trunks of trees "
94.	Orch.	Leaves on trees 425 m. Distichous; numerous minute br. red fls. in spikes.
96.	Fern.	Trailing or matted vine on trees 425 m. W 10 cm.
97.	Hymenophl.	Carpeting bases of trees & rocks " ± 1 cm.
19404.	Moss	Lower trunks of trees "
05.	"	Dead wood.
64.	Davallia	Rhizome climbing. Leaves ↓ 50 cm.
73.	Moss	High branches of a tree.
19525.	Dendrobium bifarium?	F. bulbs only.

Tozer Range & Mt. Tozer

Dense scrubs of upper levels 400 m. & over.

Trees

19387. Tarearina A major dominant. Tree or shrub 1.5-5 m. (= sp. of lower country)
93. Hypticandra bidwillii C. tree or shrub 2-3 m. Fls. red.
95. Leptospermum fabricia V.A. " " " 1.5-3 m. Fls. yellow. Fls.
19401. ? Low scrub of Mel. & Tarearina 400 m. Tree or shrub 2.5 m. Fls? Fl.

Shrubs.

19486. Boronia. alulata A. locally in Tarearina - Melaleuca scrub 450 m. 40-70 cm. Fls. pink.
88. Nepenthes P. in a moist gully. 450 m. Erect or subscandent to 1.5 m.

Herbs

19487. Gleichenia. A. edges of a gully. 40-60 cm. Leaflets bullate.
93. " Edges of gullies. 30-80 cm. Leaves very glauc. below.
94. Lycopodium cernuum. In gullies. 50-80 cm.

Tozer Range & Mt. Tozer

Summit of Mt. Tozer (540 m.).

19477.	Metaleuca ~~[illegible]~~ quinquenervia	A. in scrub. Shrub 1.5-3 m. Bark papery. Fls. gr.-wh.
78.	Prostanthera ?	C. shallow rocky soil exposed situations. Shrub 25-35 cm. Showy pale purple fls. Compact, busty. Leaves thick & fleshy.
79.	Grevillea ~~[illegible]~~ pteridifolia	P. tree or shrub 1-4 m. Fls. golden yellow, leaves silvery below.
80.	Aral.	F in Metaleuca-Tamarinus scrub. Shrub 1.5-2 m. Fls. yellow.
81.	Drosera	Open sandy soil in scrub. Fls. reddish-pink.
82.	Hibbertia	A. as u.g. in scrub. Shrub 30-40 cm. Fls. pale yellow. Leaves grey below.
83.	~~Rut.~~ Triosteroma sp. nov.	P. in open rocky situations. Shrub 25-50 cm. Fls. cream. Fl. 1-5 [illegible]
84.	Hedyotis	Rare. Shrub 50 cm. Fls. wh. Stiff fleshy leaves. (U.G. shrub)
85.	Leptospermum	"Japanese tree". A. open exposed rocky places. ±1 m. contorted & often sprawling. Fls. white.
90.	? Mitrasacme ?	C. open rocky situations. Herb 15-20 cm. Fls. wh. later salmon-pink
91.	Utricularia	Small pockets of moist soil in crevices of exposed granite rocks
92	"	8-17 cm. Fls. purple & blue
		" " " " 2-5 cm. Fls. dark purple.
96.	Moss	Seepage-moist places on exposed granite rockfaces.
97.	Hepatic	Living branches in scrub.
19512.	Dendrobium	P. on bare granite rocks. 10-25 cm. Fragrant cream fls.

Altitude 60 m.

Browns Creek, Pascoe River

Gallery rain forest

Brushy forest of floodbanks islands in creek

Savanna forest

Turkey bush

Leptostromum (?) pone 6.

Bog plants. (Pitcher-plant bog).

Shrubby growths on low floodbanks of creek.

19560. Chara submollensa Nordstedt. Totally submerged in rocky shallows of creek.

Browns Creek

Gallery rain forest

Trees

Pretrosidera tetra petala

19591. ~~Xanthostema~~? C. on flood banks. 6-10 m. Fl.? Flore grey bark.

19645. Rapanea 5-6 m. Fl.? Fl. purple.

Vines

19586. Morinda reticulata. Twining & climbing 7-8 m. Fl. cream. Bract-like calyx lobes pale green below.

Brown's Creek

Brushy forest of floodbanks & islands in creek

Trees

19185. Callitris. C. on gravelly low floodbanks. ±18 m x 35 cm. Leaves dark green. Bark grey, fibrous, shallowly fissured.

19538. ~~Cryptocarya~~ Indiandra glauca? C. 4-5 m. Fls.? Fl. purple-black.

40. Pandanus F. 4-5 m. (= small sp. of Newcastle Bay & Tozer Range?)

79. Eupl. 10 m x 15 cm. (In turkey bush as a shrub. Also Nassi Kuma).

92. ~~Prot.~~ (Stenocarpus?) salignus 3-6 m. Fls. gr-white. Fl. young.

19604. Carallia brachiata F. 10-12 m x 20-25 cm. Fls. gr. wh. Fl.? Bark pale br., soft & corky

Shrubs

19531. Myrtus F. 1.5 m. Fls.? Fl. unripe.

37. Ficus Brushy islands. 1-2 m. Scabrous leaves.

56. Aral. O. 2 m. Fls. yellow. Fl. black.

59. Hypiandra bidwellii 1 m. Fls. ?

74. Tarcaria Dallachii 1.5 m. Fls.? Soft gr-yellow dehiscent fl.

81. Capparid. One example on creek bank. 2.5 m. Fls. cream. Fl.?

~~89. Solanum.~~ ~~Semi shade on moist banks.~~

Herbs

19557. Scheria. Greg. in semi shade 100-110 cm. Nuts pale brown.

58. Panicum Moist shady banks of ck. Spreading & ascending 50-60 cm.

19605. Fern. Greg. in semi shade. 30-50 cm.

Mesmate forest of sandy ridges.
Bloodwood forest of low " "
Bloodwood & mesmate " ....

Brown's Creek

Savanna – forest

19643. Tochlospermum. O. on high banks of streams & rocky bluffs. 5-10 m X 20 cm. Showy yellow fls. Deciduous & with few leaves.

Trees

19180. Persoonia — F in bloodwood SF. To 10 m X 15 cm. Fls. yellow. Rough dark grey bark.
19554. Eucalyptus — Bloodwood. Often principal tree on sandy ridges. 10-20 m. X 15-50 cm. Fls. cream.
73. Alphitonia — O. in bloodwood SF. 7-8 m. Fl. only.
80. Grevillea striata — O. " " " to 12 m X 20 cm. Fls. cream.
83. Telastrus? — Scattered on high dry creek banks. 5-6 m X 12-15 cm. Fls.? Fl. green.
84. Melaleuca fotolosa — Several trees 6-10 m. on a scrubby granite bluff on creek. Brown umbrella shaped; bark grey, papery. Scale leaved sp.
19630. Euc. tetradonta — Mesmate. A char. tree of flat sandy ridges. To 25 m X 35-40 cm. Fls. cream. Trunk straight; grey stringy bark.
33. Xylomelum — O. in mesmate/bloodwood SF. 6-8 m X 12-15 m. Fls.?
42. Melaleuca Leuc. var. — Scattered on banks of watercourses. To 25 m X 50 cm. Fls. wh. Whitish papery bark.
50. Pandanus — A moist gullies & creek flats. 7-10 m. very large fruithead.

Shrubs

19164. Xanthorrhoea — V.A. in mesmate forest. Total height to 2.5 m. stem 1, sold on 50 cm. Fls. white
66. Helicteres angustifolius — F. in grass & shrubby v.g. of mesmate SF. Slender 1.5-25 m. Fls. purple
75. Distichosternon ? hispidulus — ± viscid shrub 20-30 cm. Fl. only.
81. Hibiscus — C. in SF (bloodwood/mesmate) at camp. 2-3 m. Fls. wh., throat purple.
87. cf. Grewia. — P. in bloodwood SF of sandy ridges. Prostrate branches to 80 cm. long. Fls.? Fl. ripening underground.
88. Morinda reticulata. — S. in bloodwood SF. 50-60 cm. Branches upright.
99. Rub. — Greg. small groups in bloodwood SF. ± 1 m. Fls. green. Fl.?
19608. Melastoma — Moist sandy flood bed of ck. 2 m. Showy rose purple fls.
34. Hibbertia. — F bloodwood/mesmate SF ridges. 40-60 cm. Big pale yellow fls. Lower silvery-pub. below. (Gardiner also).
38. Acacia — P. in mesmate/bloodwood SF. 2 m. Fls. whitish. Stem usually 1.

Herbs

19168. Halorragis. — C. locally in mesmate SF of sandy ridges. 60 cm. Fls. gr. Fl. red.
82. Acanth. — O. open grassy creek flats. 30-50 cm. Fls. pale purple.
87. Spermacoce — C. sandy SF. 20-30 cm. Fls. lavender
19536. Wahlenbergia — Scattered in grassy flood bed of creek. Ascending stems to 1 m. Fls. blue
67. Tonv. — F. dry stony hillsides. Spreading branches to 1 m. long. Fls. blue
75. Spermacoce — One plant on open sandy flood bank. 35 cm. Fls. lavender. Ascending
77. Acanth. — C. open sandy flood banks. 30-50 cm. Fls. wh. speckled pink.
82. Phylidrum lanigerum. — " " edges of creek. 50 cm. Fls. yellow.
19640. Stylidium — P. on moist silt beds in a creek. 5-30 cm. Fls. white
41. Utricularia — Scattered " " " " Fls. gr-yell. 10-25 cm.
44. " — Grouped " " " " Fls. pink & blue.

Brown's Bk

Savanna forest

Grasses

19532.	Cleistochloa?	Tufted on open sandy floodbanks. 40-60 cm.
33.		A. in sandy flood channels & on higher sandy country. Clumps 1 m.
35.	Heteropogon insignis	Scattered in open sandy floodbeds. Erect clumps 1.5-2.5 m.
~~34.~~		
19628.	Aristida browniana	C. in mesmate St. Stiff Wiry tufts 120-150 cm.
29.	Aristida - like Triachne trisetata	One of major grasses in mesmate/floodwood St. Wiry clumps 110-120 cm
35.		Roadside in St. 40 cm. Spikes purplish.
39.	Panicum	Freq. on drying silt in creekbed. 15 cm.

Sedges

19541.	Rhynchospora?	Wet sandy edges of a waterhole in creek. Tufts 90-110 cm.
42.	Cyperus	" " " " " " 30-50 cm. 3-angled leaves & stems
43.	Fuirena	" " " " " 40-50 cm.
44.	Cyperus	1 plant " " " " 60 cm.
45.		Tufted " " " " 20-35 cm.
46.	Fuirena	Scattered " " " " 80-100 cm. Thick soft 5-angled stems.
47		One tuft " " " " 40 cm.
19606.	Scheria	Open sandy floodbanks. Clumps 70-120 cm. Nuts white.
31.	~~Gladium~~ Schoenus. Shortens	Principal ground cover of mesmate/floodwood St. & Agonis sands. Clumps of numerous wiry stems 50-70 cm.

Vines

19634.	Cow.	Climbing 2 m. or prostrate & sprawling. Fls. pink.
19632.	Tassytha.	C. on grasses & sedges in St. Fls. cream.
36.	Loranthus.	On mesmate trees. Pendent 1 m. Fls. yellow & red.
37.	Viscum	On Loranthus sp.

Brown's Tk. On sandy ridges & flats.

Turkey bush

Trees

19174. Grevillea chrysodendron. P. Slender tree 3-6m. Fls. rich golden yellow.
19563. Acacia C. overtopping tree 6-8m. Fragrant yellow fls. ± glaucous (also R.R. & Mon Page)
94. Eucalyptus Local " " 10-12m x up to 30m. on sandy ridges. Fls.? Box-barked stem; smooth grey branches.
98. Melaleuca S. overtopping tree 8-10m x 10-20m Fls.? Slender, straight trunk: small crown; papery grey bark.

Shrubs

19169. Baeckia? O. in shrubberies of sandy ridges. Bushy, 50-60cm. Fls. white.
70. Euph. F. " " " " Slender, 1-2m. Fls. yellow. Leaves glossy above, grey below.
71. Agonis "One of the chief species". 1-3m. Fls. wh.
72. Fenzlia Locally D. 2-3m. Fls. pink.
73. Legum. P. locally. 1-2m. Fls. yellow. Leaves grey-green
76. Tephrosia C " 1-1.5m. Fls. purple
77. Grevillea Dryandri? Unc. stony ridges. 40cm. Fls. Fls. very viscid.
78. Rut. aff. Boronia A. locally sandy ridges 20-40cm. Fls. gr.-wh. Fl. orange.
84. Hovea? P. 1-2m. Fls. violet. Pods inflated.
19539. Euph. P. 1.5-2.5m. Fls.? Fl. green (also Gardine R. etc).
50. Santal. O. 1-2m. Fls. orange-yellow (all way to Tip).
52. Myrt. P. locally sandy flats & ridges. 30-50cm. Fls. wh., persistent.
62. Rut. P. 30-60cm. Fls. wh. Fleshy aromatic leaves. (also Gardine etc).
64. Dodonaea C. 1.5-2.5m. Fls.? Fl. wings purplish.

Herbs

19548. Stylidium Local on open sandy ground. 3-6cm. Showy rose fls.
51. Euph. C. woody herb 50-80cm. greyish leaves. Enlarged fl. calyx (Pecken Tk also.)
65. Acanth. Scattered in scrub; & often on old eroded termite hills. 20-40cm. Fls. pale purple.
71. Halorazis C. locally. 40cm. Ascending; bushy.
19631. Gladium Principal ground cover (also of SF). Wing clumps of numerous stems 50-70cm.

Grasses

19549. Greg. on burned over sandy ground. Flatish tufts 15-20cm.

Brownii Bk.

Turkey bush

Shrubs cont

19568.	Phyllanthus ?	S. 50-70 cm. Fls. pale green.
69.	Epacrid.	F. compact, bushy 30-50 cm Fls. wh. Leaves ± glaucous.
72.	Distichostemon	O. 40-70 cm. Fls. green. Ft. green, inflated.
83.	Furgelia	A. on stony ridges. 1.5-2 m. Fls. pink. Upright branching habit; leaves grey below
87.	Hibbertia	O. 1.5 m. Fls. pale yellow.
19601.	Nepenthes	P. bushy or subscandent.
49.	Leptospermum fabricia	A. locally. Tree or shrub 2-4 m. Fls. yellow. Bark grey; fibrous & fissured.

Parasites

19570.	Loranthus.	On Acacia sp. 20 cm. Fls. red; bracts green.

Brown's Bk.

Dry rocky granite ridges
Dry conglomerate ridges

Leptospermum (?) scrub.

Trees

19179. Leptospermum (?). 5-7 m. Pb. wh. More or less flat-topped & horizontally branched tree. Bark thin, smooth, purplish red.

19553. Legum. Several plants. Shrub 60-100 cm Pb-yellow. Leaves spine tipped.

19554. Melaleuca In scrubs on dry conglomerate ridges. 4-6 m. Pb. ? Rusty-topped small tree with whitish papery bark.

95. Fern. Xerox sp. F on nearly bare stony soil 20-40 cm.

96. " C. locally " " " 10-20 cm.

Browns Bk

Sedge & Pitcher-plant bog

Woody plants

19601. Nepenthes — A. subscandent, up to 1.5 m. Fls. 2 m. reddish-br., with strong mousy smell.

14. Melaleuca leuc. var. — V.A. Dwarf tree or shrub 1-2 m. Papy wh. bark. (= Sanamere & Newcastle Bay form?)

Agonis hysicephala.

Herbaceous plants

19561. Orch. — Scattered amongst sedges. ~~Stiff, erect~~ 30-50 cm. Fls. br.-green with white lip.

19600. Typ. — V.A. 80-120 cm. Erect leaves rigid & sharp pointed (Oxedium?).

09. Utricularia — P. 15-40 cm. Fls. yellow, showy

10 " — 25 cm. Fls. golden-yellow, reddish below = 19609?

11 " — C. on open ground. 12-20 cm. Fls. deep yellow; large shieldlike purple-br. calyx lobes.

12. Drosera — C. 10-30 cm. Showy pink fls. Leaves green.

13 " — C. 10-15 cm. Fls. reddish pink. Leaves red.

15. Rhynchospora — O. on edges. 50-70 cm.

16. Lycopodium cernuum. — Greg. on edges. 50-80 cm.

18. Utricularia — O. 5-10 cm. Fls. purple with yellow spots.

19 " — F. 10-40 cm. Fls. rich dark purple.

20. Halorragis — F. 50 cm. ascending, reddish branches. Fls. red. Distinct from other local sp. — longer leaves.

21. Eriocaulon — Scattered in bog. 30-50 cm. Heads whitish

22. Xyris — " " " 25-40 cm. Very small yellow fls.

23. Utricularia — 10 cm. Fls. yellow.

24. Scirpus? — O. 50-70 cm.

25. Stylogloltis — One example edge of bog. 80 cm. Showy rose purple fls.

26. Gahnia — Greg. in dense patches 2-3 m. high. Leaves iridescent. Fl. red.

27. Eriocaulon. — Edges of bog. 10-15 cm. Heads pale brown

46. Orch. — A. to 1 m. Buds only (inf. purple-br.).

Brown's Bk. Low gravelly banks & islands.

Shrubby growths on low floodbanks of creek.

19183. Myrsin. F. shrub 1 m. Fl. cream. Fl. ?
86. Bossiaea phyllodacta. F in shrubbiness. Shrub ± 1 m. Fl. yellow. Glaucous.

19528. Grevillea chrysodendron. F. slender tree 4-6 m. Fl. golden yellow. Leaves giving below.
29. Typ. Scattered drooping bushes 30-50 cm. Fl. white.
76. Phyllanthus. Herb 40-60 cm. Fl. reddish.
78. ? O. 1.5-2.5 m. Fl. red. Fl. 1-4 lobed. (Gardiner R. flats).
19603. Euph. A. small leaved flood-resistant sp. 1 m. (shrub) (Morsman Gorge & N. Gunnen also).

Wenlock, Batavia River alt: 150 m.

- Savanna forest

River channel

Rapoons across river.

*. Young shoots flowering after a grass fire which destroyed all aerial parts of the plant.

Bloodwood/messmate of dry conglomerate hills.
Sandy flats – bloodwood
Messmate/bloodwood sandridges.

Wentock.

Savanna forest

Trees

19666. Tristania — Scattered in bloodwood/messmate SF of dry conglomerate hills 6–7 m. Fls.? Bark grey, fibrous (yellow-fl. Lockerbie Sp.)

68. Myrtus ? — C. on banks of gullies & on rocky dry conglomerate hills. 4–6 m. Compact tree. Fls.? Fl. green

69. Dodonaea — O. in dry open SF on crests of conglomerate ridges. 5–6 m. Fls.? Fl. wings purplish. (sp. of Lockerbie etc.)

70. Celastrus ? — S. in SF of both sandy flats & stony ridges. 8–10 m.; branchlets pendent. Fls.? Fl. yellow, dehiscent.

71. Brunera ? — S. " " " " 6–8 m. Fls.? Leaves grey-br. pub. below

73. Melaleuca leuc. var. — O. in sandy gullies. ± 8 m x 20 m. Fls. pale green. Leaves grey green.

74. Eucalyptus — "Bloodwood." This & messmate major trees of dry conglomerate ridges. 10–15 m. Fls. cream (small fl. sp. of P. Roads & Browns Ck.)

19703. Acacia — A. in bloodwood SF of sandy river flats. 8–10 m. Profusion golden-yellow fragrant fls. Phyllodes 3-nerved, narrow, ± glaucous.

16. Melaleuca — C. on eroded banks of dry gullies. Scale-leaved sp. 4–7 m x 20 m. Fls. wh. Papery grey bark.

Shrubs

19667. Epicrid. — C. on edges of dry gullies 1.5–2.5 m. Fls. wh. (big-leaved sp. of Lockerbie & P. Roads)

75. Apoc. — F. on rocky ground of conglomerate ridges. Subscandent 1–3 m. Fl. sometimes moniliform. Fls.?

* 95. Tephrosia — River flats. Fls. purple.

* 96. Legum. — River plain. Fls. purple & pink. Leafless young fl. shoots from horizontal u.g. stem.

Herbs

* 19689. Chamaeryce — P. locally on river flats. 10–15 cm. Bracts white. Sending up flowering shoots after burning of the grass.

19706. Euph. — Amongst grass in a sandy gully. 6–15 m: bracts pale pink.

07. Umbel. — One example " " " " 18 m. Fls. pinkish wh.

14. Comp. — F. dry sandy banks of gullies. 15–20 m.

15. Borag. — Amongst grass " " " 30–40 m. Fls. yellow with wh. lobes

* 20. Comp. — Messmate/b'wood sandridge. 20 m. Rays wh., disk yellow. Deep, enlarged taproot.

* 21. Legum. — " " " 20 m. Fls. purple. Deep, enlarged taproot

Mentock

Savanna forest

Herbs, cont.

* 19722. Comp. — Messmate / Rhodwood sandridge. 40-50 cm. Fl. yellow. Deep, to proof, rutaged

Grasses

19672. Eragrostis. — Covering sandy bottoms of dry gullies. 100-130 cm (also other camps.

76. Triodia — Scattered clumps assoc. with annual grasses on dry rocky conglomerate ridges. 100-120 cm.

79. Eulalia ? — Scattered on loamy banks of a lagoon. 70-100 cm. Inf. silky. brown

19708. Eragrostis — One example. sandy bank of a gully. 8 cm.

Herbs

09. ? — " " " " " 18 cm Fl. wh.

10. Phyllanthus — Loamy banks of a dry sandy gully. 50-100 cm (woody)

11. " — " " " " 40-60 cm (woody; leaves grey-green).

19712. — P. on dry sandy banks of a gully. 40-60 cm. weak or reclining

13. cf. Rottboellia — " " " " Culms slender, reclining, 50-70 cm. long

Trees, cont.

19723. Eucalyptus tetradonta. "Messmate." A major sp. of open St. of ridges. 10-12 m Fl. mean. Leaves I glaucous.

Present these trees etc. seen in R.-P. at Iron Range & Tozer Range.

Wenlock

River channel

Trees

19687.	Tallisteman	VA in sandy flood channel. 5-8 m. Fls. bright red. Stems several, branchlets drooping.
91.	Tarallia	F. in gallery woods. To 12 m. Fls. gr.-white.
92.	Anacard.	" " " 10-12 m x 15-20 m. Fls. cream. Ft. ? (also Lascoe River, & Iron Range). Leaves mango-like.
~~19717.~~	~~?~~	
19717.	?	Gallery R.P. tree to 25 m x 40-50 m. Fls. cream. Ft. dehiscent (bacon-scented wood tree of Iron Range).
19.	Morinda	Gallery R.P. 6 m. Fls. cream. Ft. unripe

Shrubs

Herbs & grasses

~~19730~~	~~Cyperus~~	~~O. in open sandy channels. 70-100 cm.: greyish (cf. C. Mackii).~~
19688.	Acanth.	Greg. in small groups on shady banks. 30-50 cm. Ascending. Fls. dark purple
19704.	"	O. on wet sandy banks. 40-60 cm. ± fleshy. Fls. purple
05.	Phyllanthus	½ shade on moist grassy banks. Herb (?) 50 cm.
18.	Phragmites	Massed on sandy islands. ± 3 m. Slender culms.

Wentock

River channel

Climbers

19693. Tacambit. In gallery woods, 5-10 m. Fl. yellow. Fl. gr.-yellow 10-12 m, x4.-4.5 mm

Wentock

Lagoons across river

Trees

19699. Myrt. — A. char. small tree (also riverbanks) 5–7 m. Fl. wh. smooth grey bark & drooping branchlets (Taradenya, Pasco, etc.

Aquatic herbs

19677. Triglochin — O. in shallows. 50–60 cm. Fl. green
68. Utricularia — Free-floating sp. P. in lagoons. Fl. pale yellow. Bladders violet.
97. Limnanthemum — A. fringed wh. corolla with orange tube.
98. Nymphaea — A. Fl. wh. 10–12 cm. dia. delicately perfumed
19702. Limnanthemum — A. Fl. orange

Herbs, etc. of moist ground

19680. Scroph. — Moist grassy banks. 20–25 cm. Fl. purple.
81. Schenia — P. on moist edges. Slender tufts 50–80 cm. Fl. white
82. Typ. — Tufted " " 20 cm.
83. Typhus — P. moist grassy banks. 40–60 cm.
84. Scroph. — P. " " " Ascending. Fl. green with purple lobes.
85. Selaginella — A under grasses " " ± 2 cm.
86. Wahlenbergia — C. locally on grassy edges. 40 cm. Fl. violet.
94. Typhus — Few plants on moist banks. ± 1 m., and few stems.
19700. Buchnera — C. grassy edges. 40–70 cm. Fl. white.
01. Stylidium — C. " " 15–30 cm. Fl. purple above, yell-gr. below

alt. 125 m.

Archer River, Wentock – Coen Road

River channel

Savanna forest

Islands of sand & silt
Their rain forest on islands & flood banks.

Aroden River

River channel

Trees

1727. Diospyros — C. on islands of sand & silt: tree a shrub 3-6 m. Fl.? Fl. unripe.
29. Eriolaena — On an " " " tree a shrub 3 m. Petals wh. & yellow or salmon-pink; filaments & gynophore red. Fl.?
30 (Myrt. (Agonis longifolia?) Eucalyptus tereticornis arborescens) — P. on islands of sand & silt: (tree of waterside). 6-8 m. Th. wh. smooth grey bark, branchlets rust-pubes (Landeryo, Canoepah)
31. Unknown. — C. in thin R.F. 6-10 m. Leaves mango-like Fls-wh. Fl.? (also Passoe & Balavia River.)
47. Tabebuia pentaphylla — P. on dry open banks subject to flooding. Deciduous (thin bushes) tree 4-6 m. Fls. yellow, filaments red. Explodes pr-fl: Pull down
48. Acacia. — C. in sandy & rocky bed. to 10 m & 30 cm Fls.? Hard, prickles
49. Myrtus — Islands of sand & silt: tree a shrub 4 m. Fls.? Fl. unripe
53. Melaleuca leucadendra var. saligna — Com. of sandy flood bed. Trees to a large size — up to 25 in height & 50-60 m. dia. — but as a rule the trees are kept low as dying prone by the force of flood waters. Fls. pr-wh. Leaves grey-green. Bark grey, fibrous-papery.
54. Barringtonia — C. alluvial banks of anabranches. 6-8 m. Fls. red. Semi-deciduous & bracking into young bush.

Shrubs

1733. Acacia of holosericea. C. in sandy bed. 3-4 m. Fls. yellow. Silvery grey pub. phyllodes.
66. Plumbago zeylanica. ½ shrub in thin Fl. Branches a subprostrate, over 1 m. Fls. wh.

Herbaceous plants

1732. Kyllinga? — C. moist beds of sand & silt. 8-20 cm. Greyish. glaby.
34. Fimbristylis — P. " " " - 10-20 cm. ± glaby, greyish.
35. ? — C. " " " " 5-15 cm. Fls. wh. Plant reddish
36. Hyptidium — P. " " " - 15-18 cm Fls. pub pubescent stem, pr-yell. below.
37. Eragrostis — Com. " " " 60 cm.
38. Grass. — Ryegrass on sand.
39. Panicum — Moist sand. 30-50 cm.
40 " — Beds of moist sand & silt: Spreading 10-30 cm.
41 " " " " " 70-100 cm.

Archer River.

River channel

Herbaceous plants, cont

19742.	Cyperus	A on beds of moist sand & silt. 12-30 cm.
43.	?	" " " " Prostrate, 15 cm.
44.	Cyperus.	Greg. in ½ shade on silty banks. Weak & sprawly 40-50 cm
45.	Boreg.	In " " " " Fls. wh. Prostrate ± 70 cm. long.
50.	Cyperus	O. in open sandy channels. 70-100 cm. Greyish
51	"	1 plant in dry sandy bed. 80 cm.
52.	Marsilea.	Greg. on wet mud. Sterile

Climbers

19746.	Caesalpinia cf. nuga.	Scandent shrub to 20 m. Fls. yellow. Fl. reddish, more conspicuous than the flowers.
57.	Faradaya	C. in thin R.F. 10-15 m. Showy fragrant wh. fls. Fls. 2-4 to bed

Trees, cont

19755.	Desmodium.	F. on alluvial banks of anabranches. Tree or shrub 3-5 m. Fls. ?
59.	~~?~~ Micromelum minutum	" " 6 m. Fl. bulls only. Fl. unripe.
61.	Mallotus	O in thin R.F. 5 m. Fls. Leaves convex
64.	Cupaniopsis anacardioides	F " " 8-10 m. Fls. greenish. Fl. ?
65.	~~Syzygium~~ Parinarium corymbosum	F. " " to 25 m x 40-50 cm. Fls. wh. (also Batavia & Paxoe. Said to bear an edible red fl.)
67.	Cryptocarya triplinervis	C. in thin R.F. 6-8 m. Fls. cream. Fl. ?

Open SF of granite ridges.

Archer River

Savanna forest

Trees

19760. Erythrina — S. up to 20m x 25-30cm. Fls. orange red. Deciduous & leafless; upper stem & branches prickly.

62. Eucalyptus — "Ironbark". P. in open SF of granite ridges. 10-12m x to 35cm. Fls.? (C. on hard ridges from the Pascoe south).

63. Adenanthera — Sporadic. 8-10m x 20cm. Fls.?

72. Exocarpus — O. on granite ridges. 2-5m. Leaves ± grayish

Shrubs

Herbs

19756. Wahlenbergia — A. amongst dry grass in sandy SF. 30-40cm. Showy violet fls. (also Wentock)

58. Lobelia — A " " " " 30cm. Fls. purple; base of lower lip white

73. Lab. — P. sandy granite ridges. Woody herb to 1m. Fls. purple. Grey felty pub.

74. Comp. — C. " " Perennial 60-80cm. Fls. yellow. Grey tomentose. (Wentock sp.). Deep taproot.

Toen alt. 200 m.

Savanna forest

River channel

Dry, thinly timbered granite ridges.

Toen

Savanna forest

Trees

19820. Brachychiton diversifolium Kurrajong. S. 10-12 m. Pls. gr-br. Deciduous or semi-deciduous & now with few leaves.

21. Albizzia procera. Several trees in a dry gully. 6-8 m. Pls.? Greenish ± flaky bark.

Shrubs

19794. Legum. F. on dry thinly timbered granite ridges. 70-80 cm. Showy purple fls. Young flowering stems appearing after fire.

19822. Vitac. S. on dry granite ridges. 40-50 cm. Pls. green. Pl.? Stems erect.

Herbs

19823. Goodeu. Dry granite ridges. 30-40 cm. Pls. yellow

Toon

River channel

Trees

19778. Melaleuca ~~leucadrus~~ salegna. A char. tree of rocky & sandy riverbed. 6-20 m x up to 50 cm. Fl. cream. Leaves grey green. Grey papery bark.

19779. Elaeocarpus arnhemicus. F. on sandy & rocky banks. 6-8 m. Fl. cream. Ft. blue-gr. Several slender stems from a common base.

80. Morinda. F. on thinly timbered floodbanks. Tree or shrub 3-4 m. Fl. cream.

85. Callistemon viminalis. A. in open sandy & rocky bed. Tree or shrub 3-6 m. Fl. bright red.

88. ~~Anacard.~~ Buchanania arborescens. F. thinly timbered floodbanks. To 10 m x 30-35 cm. Fl. cream. Ft.? (mango-like sp. of Archer, etc.).

89. Acacia. P. sandy & rocky beds. Tree or shrub 3-4 m. Fl. yellow. Compact rounded habit; leaves silvery-grey.

96. Tristania grandiflora. P. thinly timbered loamy low floodbanks. To 12 m x 35 cm. Fl. white. Bark grey, shallowly pinned.

19804. ~~Myrt.~~ Agonis longifolia. A. open sandy & rocky bed. 3-5 m. Fl. wh. Branchlets usually sub-pendent; bark smooth grey (N. to Laradenya Tk.).

19809. Tournefortia. 1 example on thinly timbered sandy floodbank. 3 m. Fl. gr. with wh. lobes. Ft. wh. fleshy. Numerous erect stems, freely branched & forming a large clump.

Shrubs

19810. Glochidion. F. on thinly timbered floodbanks. Tree or shrub 3-4 m. Fl. & ft.

17. Apoc. Open rocky bed. 1.2 m. Fl. yellowish.

18. Gasminum " " banks. 2 m. Fl. white.

19. Euph. (Phyllanthus?). C. open rocky bed. 1 m. Fl. br. Flood resistant sp.

Trees, cont.

19811. Euph. Open sandy floodbank. 5 m. Fl. gr. Ft. blackish purple.

12. Macaranga. Greg. locally " " 4-5 m. Leaves very glaucous below.

14. Euph. S. on thinly timbered floodbanks. 10 m. Fl. yellow. Much branched, bushy.

15. Terminalia. F. sandy & rocky floodbanks. 4-6 m. Fl.? Leaves very convex.

Toen

River channel

Herbs

19775.	Phylidrum lanuginosum.	C. moist open banks. 60-100 cm. Fls. yellow.
76.	Typ.	S. in stagnant pools in open rocky bed. Tract, rush-like, 50-100 cm.
77.	Typerus.	S. open sandy bed. Tot. stems ± 1 m. Leaves grey-green
81.	Aeruginea	F. on moist open sandy bed. 30-50 cm.
82.	Acanth.	O. wet sand in open river bed. Ascending 10-20 cm. Fls. lavender
83.	Zygodium	Massed between rocks in open bed. Stems ± 1 m. long.
84.	Typerus	F. on wet sand in open bed 40-70 cm.
86.	Stylidium	Greg. " " " 6-15 cm. Fls. wh. Fleshy.
87.	Typ.	Wet sand " " " 20-25 cm.
90.	Gussiaea	C. " " " " ± 1 m. Fls. yellow.
91.	Polygonum orientale?	Greg. " " " 80-100 cm. Fls. white.
92.	Trophis	Wet sand " " 3-5 cm. (creeping). Fls. pale purple.
93.	Acanth.	" " " 30-40 cm. Fls. pale purple.
97.	Eragrostis	Scattered in dry sandy channel. 80-100 cm.
98.	Fimbristylis	Sporadic moist open sand. 12-20 cm.
99.	Typerus	P. on wet " " 15-25 cm. (Archer R. etc).
19800.	"	C. " " " 10-18 cm. Fleshy, grey-green
01.	"	Wet open sandy places. 35-50 cm.
02.	Typ.	O. wet muddy edges. 60-90 cm.
03.	Acanth.	Greg. open wet sand. 20-40 cm. Fls. purple. Tract or ascending.
05.	Comp.	Wet sand. 5-10 cm. Fls. wh. Fleshy, aromatic.
06.	?	S. " " 10-20 cm. Fls. wh.
07.	Typerus	S. " " Shortly creeping.
08.	Orag.	S. " " 20 cm. Fls. pink. Tract or ascending.

alt. 240 m.

Bonanza track, Black River

Savanna forest

Monsoon forest of dry granite ridges

Riverine rain forest.

Bonanza Tk

Savanna forest

19838. Grevillea striata. F. 6-7 m. x 12-15 m Fls. cream.

Monsoon forest

19832. Bombax malabaricum. A char. overtopping tree to 25 m x 1 m. Fls. red. Deciduous & leafless.

33. Acanth. P. on leaf strewn ground. 20-35 cm. Fls. purplish pink.

37. Albizzia of procera. C. 8-15 m. x 15-25 cm. Fls. ? Fl. red dish. Semi-deciduous & ~~[illegible]~~ partly bare of leaves. Bark yellow-gr, bumpy ± flaky.

19755. Desmodium. Small tree

Bonanza Ck.

Revirine rain forest

Trees

19824. Pavetta. 8 m x 15 cm. Fl. cream, style red. Fl.?. Fl. honey-scented.
25. Quintinia? Rain forested banks. 6 m. Fl. wh. Fl. unique (all rivers S. of Pascoe.
27. Blepharocarya involucrigerum 15 m x 35 cm. Fl. yellowish. Fl.?
28. Torynocarpus sp. nov. 3 m. Fl. greenish-wh. Fl.?
34. ~~Hauri~~ Triplecarya triplerinum 20 m x 25 cm. Fl. yellowish. Fl.? Close brown bark.
36. Cupaniopsis anacardioides 20 m x 30 cm. Fl. greenish. Fl.?
19968. Pleiogynium ~~Solandri~~ cerasiferum? F. 25 m x 30-40 cm. Fl.? Fl. dark purple.
69. Ebenac.? 12 m x 20 cm. Fl. green. Fl.?

19831. Palm. Archontophoenix alexandrae C. at water edge. ± 10 m. Stem much swollen at base. Fl. Fl. red.

Vines

19826. Menisp. 4 m. Fl.? Fl. immature.
29. ~~Rhophidophora~~ Epipremum pinnatum 5 m. Anthers wh. Leaves 100-120 cm. long.
30. Mucuna 15-20 m. Fl. green. Fl.
35. Capparid. Scandent shrub 4 m. Fl. wh. Fl.?

Herbs

19839. Balanophora. Plant orange-yellow.
19970. Adiantum Scattered on high banks.

Leo Creek, Upper Nesbit River

alt. 420m. at camp.

Rain forest — top of range

Rain forest — creek banks & ravines.

Rain forest regrowths.

Loo Bk.

Rain forest – creek banks & ravines

Trees, Canopy

Leaves 3-fol.

19932. ~~Rut.~~ Acronychia melicopoides F. 20-25 cm x 25-30 cm. Fls.? Fl. yellow (Tozer Range sp.)

Trees, subsidiary

Trees, substage

19861. Nythropyrum? Creek flat. 12 m x 12 cm. Fl. buds. Fl. red, fleshy.

63. ? 12 m. Fl. buds only. Fl. orange.

99. Logan? 15 m x 20 cm. Great abundance cream fls. Fl. ?

19935. Fuchsia viburnea 15 m. Fls.? Fl. black, fleshy.

43. Brassiaea actinophylla. O. on rocks on creek banks. 10-12 m. Large panicles red fls. Stem usually unbranched.

19866. Pandanus F & ± greg. ± 10 m. See field label.

69. " F. in riverine R.F. 7-9 m. Cylindric heads in persistent bracts.

Palms

~~Woody undergrowth~~ Ptychosperma elegans

19860. F. on creek flat. 6-7 m. Fl. spading orange-yellow. Regularly pinnate.

62. Linospadix interruptus F. 1.5-3 m. Fls. yellow to orange red. Several stems of different ages.

19966. Hydriastele wendlandiana O. in ravines. Slender sol. stem & irregularly pinnate leaves. 12-16 m.

Leo Bk.

Rain forest – creek banks & ravines

Woody undergrowth, ~~cont~~

19847.	Lasianthus	Creek bank. 70 cm. Fls. wh. Fl. blue. Large stipules.
48.	Kibara	Shrub 3 m. Fls.? Fl. purplish-black.
54.	Rub.	Shrub. 60 cm. Fls. wh.
67.	?	Shrub 1 m. Fls.?
83.	Rub.	Treelet 3 m. Fls. wh. Fl. green
19845.	Carpania Dallachyi	Rocky creekbank Tree 3 m. Fls. wh. Fl.?
46.	Lonicera?	" " Tree 6 m. Fls.? Fl. black, fleshy.
47.	Solanum	" " Shrub 2.5 m. Fls. purple. Fl.?
49.	Rapanea	Lnc. Tree 5 m. Fls. wh. Fl. unwise.
51.	Pittosporum	Rocky edge of creek. 1 m. Fls.? Fl.
52.	Aral.	" " " 1 m. Fls. purple.

19859. Cyathea A. in ravines. 4–6 m. Leaves 4–3 m.; smooth & shining above

Herbaceous undergrowth

19849.	Lindsaya.	Rock crevices on creekbank. Subpendent 4–23 cm.
50.	Blechnum	A. in a rocky ravine
53.	Ophiorrhiza	Greg. locally amongst rocks on creekbank. 20–60 cm Fls. wh.
55.	Lindsaya	Rocky creekbanks 25–30 cm.
65.	Trichomanes	Greg " " Dark shining green.
70.	Lindsaya	Rocky steep slopes
74.	Nephrolepis	Greg. rocky side of a ravine. Arched leaves 100–120 cm.
78.	Adiantum	Rocky side of a ravine. 35 cm.
19830.	Cyp.	Tufts 40 cm.
31.	Lindsaya	Greg. locally in very dense shade. 50 cm.
33.	Gleichenia	Small groups on shady floodbanks. 60–70 cm.
34.	Apostasia	S. Fls. yellow.
44.	Lil.	O. rocky creekbanks. 30–40 cm. Fls. wh. anthers black.
62.	Cyp.	A. in a moist gully. 60–70 cm Usually sterile.

19929. Bowenia P. in dryish R.F. & old 2nd growths. To 180 cm.

Lo Ck.

Rain forest – creek banks & ravines

Climbers

19937.	Freycinetia	C. in RF edges on creek banks. Climbing several meters. Sterile.
41.	"	O. " " " Scrambling 1–2 m. Leaves narrow.
61.	"	A. moist gullies, 6–15 m. Bracts salmon pink. Sterile.
65.	"	F. Sterile

Epiphytes (many epiphytic ferns found on rocks on creek bank).

19841.	Davallia?	Creeping on rocks on river bank. To 16 cm.
42.	Fern	Rocks " " " 30 cm. Leaves fleshy.
43.	Polypod.	Mossy " " " " to 10 cm. Pinnate.
45.	Humata	A on rocks " " Stiff leaves
46.	Cyclophorus	Low epiphyte, bank of ck. To 30 cm. Stiff, fleshy.
51.	Davallia	Creeping on rocks on creek bank.
52.	Humata	Low epiphyte on " "
56.	Hymenoph.	Rocks on creek bank.
57.	Fern.	F. low epiphyte. Pendent to 50 cm. Iridescent
64.	Lycopodium	Often on palms.
71.	Vittaria	Large pendent clumps to 1 m. long.
75.	Asplenium	Tufted on a mossy rocks 30–50 cm.
76.	Hymenoph.	Creep. " " " Pendent to 18 cm.
77.	"	Creeping amongst moss on a rock. Leaves simple, ± 2.2 cm long.
79.	Asplenium nidus	O. on rocks beside creek. To 50 cm.; margins whitish.
80.	Grammitis	Mossy rock in a ravine. 2–4 cm.
81.	Hymenoph.	Mossy " " " to 2 cm. Variously divided.
82	"	Creeping mossy rock " " 2–2.5 cm.
84	"	Mossy rock " " Pendent.
85.	Hydrophylum	Creek bank tree. Fl. wh. Large sp. with several stems 70–80 cm. Tuberous base 25 cm. dia.
86.	Hymenoph.	Massed on a mossy rock in ravine 2.5–3.5 cm.
19,5~~87~~	Fern.	Low on trees. Rhizome climbing. Leaves 40–65 cm.
801.	Telliquea?	Tufted on mossy rocks. To 30 cm.
02.	Hymenoph.	Massed on rocks in moist ravine. 3–5 cm.

Leo Bk.

Rain forest - creek banks & ravines

Epiphytes, cont

1 9903.	Hymenoph.	Matted on a wet rock. 1-1.5 cm.
36.	Orch.	C. locally on moist creek banks. Very robust climbing sp. with stems twining around supporting tree to a height of 5-8 m. & leafy nearly to base. Leaves fleshy. Fl. cream, spotted purple-red.
48.	Orch.	Creek bank tree. 5-10 cm. Minute white fls.
60.	Pritotum	Fibrous trunk of a fan palm. Pendent 40-50 cm.
Epiphyte? 63.	Schizaea?	Mossy log on creek bank. 7-12 cm. (or mm?) "Like a blade of grass 3-cleft at the top."
64.	Fern.	Low epiphyte.

Zeo Bk.

Rain-forest, creek banks & ravines

Mosses – terrestrial

19928. Clay mortar of an old stone fage.

Mosses – on rocks

19888. Wet rocks in creekbed.
89. Covering seepage-wet rocks in R. F.
93. " sunny moist rocks.
95. Sphagnum Cushioned on a rock.
96. Carpeting rocks on sides of a bluff
97. Rocks on creek bank.
98. Cushioned on rocks (grey-green).
19904 Moist rocks of creek banks.
05. Carpeting wet rocks " ".
06. " " "
07. Seepage wet rocks.

Mosses – epiphytic

19858. Base of a tree
72. Trunk of a palm
73. Dead trunk of a tree.
87 Open banks of stream.
90 Rotten logs.
91. A lower trunks of trees
92 Lower " " "
94. Rotten wood
19908. A on lower trunks of trees
09. Massed on " " & rocks
38. Rotten logs.
53. Living bank in v. g.
55. Rotting wood
56. Trunk of a palm

Leo Tk.

Rain forest — top of range 500 m. alt.

Trees, canopy

19915. Garcinia 25 m x 35 cm. Fl. gr-yellow. Fl: ?

22. Podocarpus C. 20-25 m x 30-50 cm. Br. fibrous bark. Long boves.

19967. Araucaria Cunninghamii C. on banks of streams & ends of ridges
70 ± 40 m x ± 1 m. Tampoven Pocket, 1500 ft.

Trees, subsidiary Tryptocarya cunninghamii

19925. ~~Cinnamomum~~. 20 m x 25 cm Fl. buds. Fl: ? Lower & bark strongly spicy.

Trees, substage

19910. ? F in dryish RF of ridges (500 m). Petals cream, sepals reddish. Fl: [illegible]

Leo Tk.

Rain forest – top of range.

Woody undergrowth

19920. Helicia Globosissima Tree 4-6 m. Fls. gr.-purple. Ft.? Leaves sharply toothed

23. Aral. Shrub 2-2.5 m. Fl. reddish, unbranched. (Tozer sh.)

Herbaceous undergrowth

Climbers

19916. Apoc. Scandent shrub 5-20 m. Fls.? Ft. Black.

19. Menisp. 2 m. Fls. cream. Ft.? Hard wing stems.

Leo Ck.

Rain forest - top of range

Epiphytes & parasites

19911. Hymenoph. Mossy trunk of a tree.
17. Polypod. Leaves pendent.
18. " On fibrous covering of a fan palm stem. Pendent to 2 m.
21 " Trunk of a fan palm. Pendent to 135 cm.
24. Loranthus Stem twining 1.5 m Showy pink fls.
26. Platycerium alicorne. F.

Mosses

~~19911. Mossy trunks of trees.~~
19912. Lower trunks of a tree
13. Dry twigs in v.g.
14 " " "
27. A. lower trunks of trees

Eo Ck.

Rain forest regrowths

Trees

Shrubs

19840. Malv. 2 m. Fls. cream. "Peculiar sp. first got at Tager Gap."

Herbs

19939. Fern Achar. element of the very thin ground flora of ~~the~~ old 2nd. growths. (Diplazium ?). 50-80 cm.

40. Dianella. " " " " 80 cm. Fls. pale blue. Plant eaten by horses.

42. Cyp. " " " " Thumps 70-90 cm.

19929. Bowenia ♀ in old 2nd growths ♂ in dryish Rf.

Zoo Tk.

Rain forest regrowths.

Climbers
1984 ?

5 m. Pts. white

Shipton's Flat 275 - 350 m.

Rain forest of creek banks & flooded islands.
(also gallery woods of gullies).

Savanna forest

Shiptari Flat

Savanna forest

Trees

20013. Tunon.? Banks of creek. 15 m x 20 m. Fl. wh. (from Pascoe south).
20187. Banksia C. to 12 m x 25 m. Fls. gr. yellow. Seldom flowering.
95. Lyncarpia glomulifera C. subsiding tree in tall St. 15–20 m x 40 m. Fl.? Fibrous brown bark.
20257. Tarnarina Forest oak (300 m alt) Locally A. in Eucalyptus St. to 16 m x 40 m. Thick, corky, deeply channelled br. bark.

Shrubs

20167. Callistemon viminalis P. rocky bed of stream. Tree or shrub 2–6 m. Fl. red.

Herbs & grasses

20008. Tamp. C. 60 m. Fl. yellow, rayless (Helichrysum ?).
20159. Nephrolepis. Covering a granite shelf on bank of stream. ± 1 m. Plant raised on stilt roots.
60. Schizaea F. on rocky slopes 30–45 cm.
65. Aristida C. on dry slopes. ± 1 m.
66. Panicum Dry banks of a stream. ± 80 cm.

Shipton's Flat

Savanna forest

Climbers

Epiphytes & parasites

20009. Polypod. Large clumps low on trees. Pinnate sp.; shield leaves.
23. Loranthus. A. on Tasmanian trees. Fl. green, latin red.
20158. Platycerium alicorne. C. (also in rain-forest).
20231. Dischidia. Massed on bark of a tree. Fl. mean. Mealy grey small leaves
31A. Cyclophorus A. in large masses. Sub-pendent 40-65 cm.
58. Dendrobium 40 cm. Fl. wh. tipped yellow. Very delicate fls. in open racemes.

Mosses

20022. Shady road banks
~~20168.~~ ~~Very large grey-green cushions~~
20169. Grey-green cushions on charcoal.

Thiptani Flat.

Rain forest of creek banks & flooded islands.

also gallery woods of gullies

Trees

20014. ~~Anacard.~~ Blepharocarya involucrigera ? C. in gallery forest. To 20 m x 30 m. Fl. yellowish. Fl. ?

20164. Legum. P. in thin forest. To 20 m x 35 cm. Fl. ? Seeds red. Leaves occasionally bipinnate

20200. Xanthosteman ? chrysanthus A. char. tree of rocky banks of creek. To 25 m x 60-70 cm. Fl. yellow. Fibrous-scaly brown bark. Almost past flowering

26. Monim. One tree 10 m x 20 m. in gallery RF. Fl. cream. Fl. ?

27. ~~Sarcopteryx~~ Martyana Gallery RF. 12 m x 15 m. Fl. gr.-wh. Fl. ?

Woody undergrowth

19993. Dracaena. Thrub, unbranched, 60 cm. Fl. pale purple.

20005. Papanea Tree 6 m. Fl. cream

17. ~~Myrsin.~~ Melicope sessiliflora ? C. in dense v.g. Tree or shrub 2-3 m. Fl. cream. Fl. ?

18. Hedraianthera porphyropetala C. " " " " 3-4 m. Red rotate fl. Fl. young.

19 Quarymus sp. nov. " " " " 2-4 m. Fl. green, rotate. " "

20162. ? " " Semishade on bank of stream. Thrub 80 cm. Fl. ? Fl. gr. delicate.

98. Pittosporum 1 plant 1.5 m. Fl. cream, calyx purplish.

99. Randia ? P. tree 3-5 m. Fl. ? Grey-br. scurfy fl. (Lockerbie also)

20225. Psychotria F. shrub 1 m. Fl. wh. Fl. ?

Herbaceous undergrowth

20010. ~~Xerotes?~~ Lomandra longifolia A. large clumps in semi-shade on moist banks. ± 1 m.

11. Gahnia aspera A. semi-shade in flood bed. Fl. red. Tract clumps.

12. Theilanthus ? Greg. dry shady banks. 30-60 cm.

15. Lindsaya. Massed on shaded rocky banks. 5-10 cm.

20261. Dryopteris Moist rocky stream banks. 40 cm.

Skipton's Flat

Rain forest of creek banks & flooded islands

Epiphytes & parasites

20016. Notothrix On woody v.g. ft. wh.
20157. Dendrobium tmittiae. F. clumps 80 cm. Fls. gr-wh. tipped green & with pink spur.
58. Platycerium alicorne. C. high & low. (also SF).
20230. Psilotum Subpendent.
59. Asplenium nidus On rocks & low on trees in gully forest. To 1 m.
60. Polypod. " " " " 100-120 m.

Moss

20020. On drift logs.
21. Rotten wood.
20168. Forming very large grey-green cushions on moist shady banks of stream.
70. Moist granite rock on bank of creek.

Climbers

20228. Tygodium P. 2-5 m. in gully R.F. v.g.

Upper Parrot Tk., Annan River. 350 m -

Rain forest.

Rain forest regrowths

Savanna forest 350 m. alt.

Coffea Parvi Fl.

Rain forest

Canopy trees

20210. Trichandra ? Stanca Tree 25-m x 85-cm Fls. orange. Fl.: ?
12. Elaeocarpus Banaoffii A. ± 30 m x 50-60 cm. Fls.?
37. Fly ? pedunculatis C. locally (400 m). To 30 m x 60 cm. Fls green. Fl.: ?
38. ~~Eleocarpus~~ Stanca Kanjii ± 25 m x 140 cm. Fls. cream. Fl.:
63. ~~Unan~~ Stanca Macbrydei 400 m. To 30 m x 50 cm. Fls. cream.
90. ~~Canarium~~ Canarium spectatissimum A. 400 m. ± 25 m x 40-50 cm. Fls. cream.
98. Acacia anisocarpa? "Small hickory." A. in edges of Rf. ? on ends of ridges within the forest: To 30 m. x 70 cm. Fls.? Hard, shallowly fissured br. bark.

20307. Unal. O. 500 m. To 25-m x 50 cm. Fls. blackish-purple. Fl: black. (= from Bagga Fwd)
19. Sterculia quadrifida S. 450 m. To 25-30 m x up ± 50 cm. Fls. green. Deciduous. Most trees now leafless.

~~22 Flindersia~~

Subcanopy trees Dacryodes megalocarpa

20027. ~~Dysoxylum~~ ‡ Bank of a stream. 15-m x 20 cm. Fls. yr-yellow. Fl: unripe.
20174. ~~Litsea~~ Arischocarpus ? sp. nov. Subcanopy layer. 15-m x 80 cm. Fls. ? Fl: red, anil purple, seed black.
80. ~~Unk.~~ Rhelicocky sp. nov.? F. banks of stream. 8-12 m x 10-20 cm. Fls. wh. Fl: dry dehiscent 2-valved.

20203. Podocarpus Black Pine. F. subcanopy ± 20 m x 0.35 m. Fibrous br. bark.
14. ~~Unk.~~ Ardisia crenulata ? melicopoides F. subcanopy 15-16 m. Fls. yellow. 400 m.
15. Rub. 16 m x 80 cm. Fls. ? Fl: bright orange red; fleshy.
36. ? Subcanopy 15 m. (450 m). Fls. ? Fl: blue.
46. ~~Litsea~~ Beccariophoenix ? (Myristica-like) C. 500 m. 10-15 m x 30 cm. Fls. ? Fl: buff; black. Leaves small
50. 450 m. 20 m x 25 cm. Fls. green. Fl: minute cf. Bhoba
51. ~~Litsea~~ Litsea sp. nov. Subcanopy 450 m. 15 m x 25 cm Fls. yellow, Fl: 2-lobed.
67. ~~Syzygium~~ Syzygium commissurale Subcanopy 400 m. 15 x 20 cm. Fls. cream & pink, cauline, mostly on lower part of stem.
84. Helicia glabrescens Subcanopy 450 m. 15 m x 20 cm. Fls. yellow. Fl: ?
88. Myoporac.? Distributed depth Rf. 450 m. 20 m x 25 cm. Fls. wh. Fl: minute. Thick corky pale br. bark.
97. ~~Fan palm~~ Pandanus cf. mariyae Rf. edges 400 m. 12 m x 20 cm. Fls. cream. Fl: ?
99. ? 500 m. 12 m x 20 cm. Fls. ? Fl: green, tubularly compressed

20308. Rhamn.? 500 m. 20 m x 30 cm. Fls. yellow. Fl: ?

Upper Parasol Tk.

Rain forest

Emergent trees

20204. ? ~~Ht~~ 7 m. × 6 cm. Fls.? Fl: subglobose, red, 3-4 anthers

07. Diospyros One sp. only 7 m. Fls.? Fl: white

42. ? 12 m × 15 cm. Fl. buds only. Fl: orange, hard, depressed globose 4:7 cm 3:3 cm

44 ? 10 m. (500 m). Fl. buds only. Fl: orange, subglobose ± 8 cm. dia.

66. ~~P. Myrtaceae~~ Ostrearia australiana Bank of a stream 400 m. 12 m × 20 cm. Twisters fl. with long strap-like yellow-gr. petals in rolled in bud.

91. Rubiac. Hypogynium opportistolium 450 m. 10 m × 15 cm. Fls. yellow. Fl: ?

92. Thymelaeaceae P. in thin dry RF. 400 m. 8-10 m. Fls.? Fl: immature

20303. ~~Rubiaceae?~~ Psychodendron cymulosa P. 500 m. 4-6 m. Fl. buds only.

04. Rubiac. 450 m. 14 m × 15 cm. Fls.? Fl: purplish-red. 3.5 cm. dia.

Woody undergrowth

20031. Syzygium off cryptophlebia F. tree 4-6 m. Fls. pinkish-white. Fl: ?

20172. ~~Lauraceae~~ Hapsidelia rhyticarpa O. tree 3-6 m Fls.? Fl: red, anil orange, seeds black.

77. Blepharocarya F. tree 3-4 m. Fls. yr-white. Fl: ?

81. Kibara P. tree about 3-5 m Fls.? Fl: black, receptacle orange.

84. Calamus F. 2-3 m. not scandent, stems several.

20205. Viscal. S. tree 1.5 m. Fls-yr. Stem simple. (400 m)

06. Pleomele F. in more open parts (400 m). 1-2 m. Fls. purplish.

18. Xanthorrhoea fernuginea One sp only (400 m.) tree 2 m. Fls. br. Fl: ? Stem simple.

~~24. ?~~ ~~Fl. tree 3-5 m 27~~

39. Rhynia. Treepage-wall ground. Tree about 4 m. Fls. wh. in short thick racemes. Fl: ?

41. Pseudocopa sessiliflora Fl. tree 3-5 m. Fls. cream. Fl: dehiscent.

45. Psychotria C. in well developed situations 500 m. Shrub 1-2 m. Fls. wh. Leaves mostly 4 whorled.

47. 500 m. tree 8 m. Fls.? Fl: immature. Leaves shiny pearly grey below

64. Tricoryne rimosa 1 m. Stems several. Fls. yellow-orange. 400 m.

83. Solanum O. under open canopy conditions 450 m. Shrub 2-3 m. Fls. purple.

86. ~~Myrsinaceae~~ Maesa laxiflora 450 m. Tree 5 m. Fls. yellow. Fl: scaled.

20310. Alyxia P. edges of a rocky opening 500 m. Shrub 1.5-2.5 m. Fruiting leaves thin 4 of whorl 8.

11. Rub. P. under broken canopy 350 m. Large wh. fls. shrub 3 m. Fl: ? axillary racemes

17. Viscal. O. 450 m. Tree 3-5 m. Fl. buds. Fl: purplish. Leaves radical at apex of the few erect branches, 80-110 cm long

20302. Cyathea. O. in gullies 350 m. Large sh. to 12 m. tall. Numerous arched fronds 5 m. long.

Upper Pansi Tk.

Pain Pansi

Herbaceous undergrowth

20024.	Dryopteris	Scattered on open banks of asphaem. 70–80 cm.
25.	Fern.	One pl. in shady " " " 110 cm. Leaves arched.
26.	Dryopteris	Open banks " " "
28.	Adiantum	Very slight clay " " " 20 cm
29.	Lindsaya	" shady " " " 15–20 cm.
30	"	Stony rock " " " Fl. spreading leaves.
20175.	Fern.	C. in drier parts 40–60 cm. Seldom fertile.
78.	Trichomanes	Very moist rocky creek banks.
83.	Fern.	Creeping herb 2 stem on grassy banks. 20–30 cm. Small green 2 wiry fls.
20216.	Gymnostachys anceps?	C. grows in rocky places. 2–2.5 m. Long arched leaves. 400 m.
28.	Calamophora	C. in drier parts 400 m. Fl. Low & orange-yellow.
33.	Pteris	Pteridophyta Very. on steep grass-soil. 115 cm.
68.	Alocasia	One pl. in open stony flood bed 400 m. Large fl. 1.5 m
69.	Blechnum	P. rocky bed of str. 400 m. 60–100 cm.
20209.	of Pteridaceae	Very. in dry open places 500 m. Fls. white.
15.	Fern.	S. on grassy hills 400 m 10–15 cm. Fls. wh. with 2 green streaks on back
16.	"	" " " 15–40 cm. Fls. yr. with white tips

Climbers

20175.	Pothos	V.C. root-climber to 10 m. Spathe pale gr., shading dark gr.
82.	Piper	V.C. creeping trunks of trees to 10–15 m. Fls. orange.
20211.	Rhaphidophora	Canopy liana 25 m. Fls. gr. Fl. unisex, 2-winged.
17.	Dioscorea	3 m. Fls. pale green, very fragrant. 400 m
22.	Tacca ?	Vine 15 m. Fls. ? Fl. purplish, shady. 400 m
43.	Piper	Creeping trunks (500 m). 15 m. Fl. shining brown.
48.	"	Trailing on ground 500 m. 1.5 m. Fl. unisex.
49.	Pothos	C. large canopy liana 400 m. To 30 m. Fls. rose-purple-pink. Fl. unisex.

Upper Parrot Ck.

Rain forest

Epiphytes & parasites

20176. Cymbidium. Middle spaces. Large clumps ±1 m. Pseudo bulbs laterally compressed. Fragrant br-green fl.

20213. Loranthus. 400 m. Fl. green

19. Cyclophorus A. in large masses. 25-50 cm. 400 m.

21. Asplenium Small clumps on granite boulders 400 m. 40 cm. Proliferous

40. Dendrobium High epiphyte (400 m). 40 cm Fl. cream.

52. Asplenium nidus F. 450 m. alt.

65. Asplenium F on creekbank rocks. Subpendent clumps simple bases 30-50 cm

70. Antrophyum Tufted on rocks. To 35 cm.

72. Fern. Creeping on moist rocks in creek 400 m. 25 cm.

73. " 400 m. " " " " To 40 m.

74. Grammitis? A. " " mossy " " " To 3.5 cm.

75. Hymenophyllum Massed " " " " " "

82. Rubophyllum Upper branches of a tall tree. ±1 cm. Fl. pale translucent yellow

85. Fern Climbing on lower trunks of trees 450 m.

20300. Viscum On Nothofagus high on a tall tree. 550 m. Fl. white

01. Nothofagus A. high on tall trees 550 m. Large greyish masses. Fl.

06. Asplenium Mid spaces 500 m. Frond subpendent bases ±1 m. long.

Mosses

20034. Clayey road in RF.

35. Wet rocks on bank of a stream.

36. Moist " " " "

37. " " " "

38. " " " "

20255. On an old log. 500 m.

56. On stones 400 m.

76. A. on rocks in bed of ~~[illegible]~~ creek 400 m.

77. Wet, decayed wood

78. Carpeting moist shady banks of stream 400 m.

79. Moist banks of stream 400 m.

80. Bark of a creekbank tree "

81. Upper branches of a tall tree "

20312. Covering an exposed rock outcrop 500 m.

13. Lower trunks of trees in dryish forest "

Upper Parrot Bk.

Rain forest

Subsidiary trees, cont.

20314. Davidsonia pruriens. O. in dryish forest 450 m. To 18 m x 25 cm. Fl. pink.
Fl. immature. Dairs irritant.

Substage trees cont.

20318. ~~Ant.~~ Aglaia ferruginea 450 m. 15 m x 20 cm. Fl.? Fl. br. purp., unripe.

Mosses cont.

20321. Rotten log in Rt. 400 m.

Upper Parrot Tk.

Rain forest regrowths

Trees

20173. Ficus — C. polewood tree 6-8 m. Tuberculate gr. receptacles.

20235. Hypnomorphum flavum? — O. in old secondary RF. to 25 m x 30-35 cm. Fls. yellow

20293. Rub. — O. 6-8 m. Fls.? Fl. unripe

20305. Alphitonia — F. 370 m. To 20 m x 35 cm. Fls. greenish.

20. Melia — O. 16-18 m x 25-30 cm. Fls. lavender - Fl.?

Climbers

20032. Liliac. — 3 m. Fls.? Fl. orange, fleshy; seeds black.

Shrubs

20253. Erratamia — 500 m. alt. 1.5 m. Fls. wh.

54 ? — " " tree a shrub 2.5 m. Fls. yellow.

96. Eupomatia. — C. tree a shrub 2-5 m. Fls. dirty white - Fl.?

Upper Parrot Tk.

Savanna forest 300 m.

Trees

20186. Diplanthera F. in gullies. 8-10 m x 15 30 cm. Showy yellow inflor.

~~20257. Casuarina "Forest oak" 300 m.~~

20262. Casuarina Forming an understory in S.F. To 16 m x 30 cm. Thin bark.

95. Pressovia falcata 5 m. Fls. yellow, in great abundance. Fl. ?

Shrubs

20185. Melastoma. C. 1-1.5 m. Fls. purple-pink. Fl.

Herbs & grasses

20294. Themeda. "Kangaroo grass". D. grass. ± 1 m.

Epiphytes

20289. Dendrobium. "Pencil orchid". P., chiefly on Tareya trees. Key frag. wh. fls. just opening.

Mt. Kinnegan, west slopes

Savanna forest

Rain forest. 800 m –

Rain forest marginal communities

Mt. Finnegan, west slopes.

Savanna forest

Trees

Shrubs

Herbs & grasses

19994.	Orch.	O. on spur ridge 600 m. 30-60 cm. Fls. lavender, showy.
95.	Camp.	O. " " " 60-80 cm. Rayless yellow fls. (Helichrysum?)
96.	Lab. (Coleus?)	P. on granite rock faces. 600 m. Fleshy, 40-60 cm. Fls. violet.
20355.	Camp.	F. 750 m. Fls. wh. changing to lavender in drying.

Epiphytes

19997.	Dendrobium	A. on Casuarina trees, clumps 40-50 cm. Fls. wh. to creamy-yellow delicately scented (also top of Mt. Tozer). 700-800 m.
99.	Orch.	Trunk of a Casuarina 800 m. 5 cm. Spikes tiny gr-wh. fls.

Mt. Finnegan, west slopes.

Savanna forest

Mosses

20007. On rocks

20360. On canty bank of Tasmania tree 800 m.

Mt. Finnegan, west slopes.

Rain forest

Canopy trees

20322. Flindersia Pimenteliana 800 m. 20 m x 55 cm. Fls.? Fl. unsipe, to 8 cm. long.

45. Elaeocarpus ferruginiflorus 850 m. 15 m x 40 cm. Fls.? (High mt. Type)

Other trees

20004. Groingbaileya? australis (Euc.). O. 15 x 25 cm. Fls. wh. Feed bearing part of fl. green; fleshy part wh., soft & fleshy.

52. Ficus Straggling sp. 12 m. Large paired cream fl.

20147. ~~Prot.~~ Helicia glabrescens Exposed spur ridge 850 m. 6 m. Fls. yellow. Fl. immature.

20348. Polyasma rhytophlora in substage 850 m. Tree 6-8 m. Fls. yellow. Fl. green.

50. Helicia ferruginea Substage " " 7 m. Fls. gr.-yellow. Fl.?

Woody under growth

20003. ? Shrub 2-3 m. Fls. wh. Fl.?

40. Pittosporum C. more open forest 850 m. Shrub 1.5-2.5 m. Fls. cream. Fl.?

41. Arat. S. in v.g. shrub 1.5-2 m. Fls.? Fl. unsipe. Panicle purple.

42. Rub. S. " " 850 m. Shrub 1.5 m. Fls.? Fl. red, fleshy.

43. ? A char. element. 850 m. Tree or shrub 3-5 m. Fls. white. Fl. Leaves ± buttate

44. ? 850 m. Tree 5 m. Fls. wh. Fl.?

45. Alyxia F. in ± open parts 850 m. Shrub 2 m. Fls. cream. (also borders at 2500')

50. ? C. on exposed spur 900 m. Tree or shrub 2-3 m = 20043.

20148. Linospadix intermedius One example 850 m. 1.5 m. Fl. buds only.

49. " C. exposed spur ridge 850 m. 1.5-2 m. Fls. yellow. Fl.?

50 " minor " " " " 1-1.5 m. Fls. yellow. Fl.?

20323. ~~Tarsonia~~? Hypsophila Halleyana 850 m. Tree 4 m. Fl. buds only. Fl. green.

Mt. Finnegan, west slopes

Rain forest

Herbaceous undergrowth

20046.	Helmholtzia	acorifolia A. in a moist rocky ravine 850 m. 70-90 cm. Fls.? Fl: wh., soft & fleshy.
47.	Marattia ?	A. rocky edges of a waterfall. " 60-150 m.
48.	Trichomanes	A wet rocky banks of a stream 850 m.
51.	Lindsaya	Under granite rocks 850 m
20324	Blechnum	Greg. on wet banks of a stream 900 m. Tree fern habit; 1.2 m.
52.	Fern	C. locally 820 m. Numerous arched spreading leaves, ± 1 m.

Climbers

20039.	Tecomanthe.	O. in low ± open forest of a spur ridge 850 m. 6-8 m.
~~20145.~~	~~Agapetes ?~~	Large red fls. ± 8 m long.
20145.	Agapetes Rheiniana.	F. large liane to 16-18 m. (850 m.). Fls. red, lobes white within
46.	Apoc.	Scandent shrub 8 m. Fls.? Fl: gr-yellow.

Epiphytes

19998.	Dendrobium	One plant on a rock. 25 cm. Fls. cream, wh. & purple-brown.
20000.	Orch.	" " low on a tree. 800 m. 4 cm. Sol. wh. fls. streaked purple.
06.	Fern.	C. low on trees (& rocks) 800 m. Clumps narrow simple leaves ± 50 cm.
49.	"	C. low on tree trunks. Pinnatifid, shortly creeping. Seldom fertile.
53.	"	Rare " " " 850 m. Fleshy leaves.
20344.	Bulbophyllum	850 m. Canopy. 8 m. Fls. yell.-wh. streaked & flecked purple.
46.	Fern.	Upper branches. 850 m. Fleshy simple leaves to 20 cm.
47.	Elaphoglossum.	Low epiphyte 850 m. 7014 cm.
51	Fern.	Creeping low epiphyte 850 m.

Mt. Finnegan, west slopes

Rain forest

Mosses & hepatics

20055.	Moss	Rotting log in R.F. 850 m.
56	"	Carpeting a rotten log. "
57.	"	Branches of v.g. tree "
58.	Hep.	Fuzzy green sp. A on branches of v.g. 850 m.
20151.	Moss	Bark of a rotting log. 850 m.
52	"	" " " "
53	"	Living bark of a tree 800 m.
54	"	Rotting bark.

Woody undergrowth cont.

20343. Tyzygium & erythrodoxa 850 m. Tree 3 m. Fr.? Fl. yellow & red.

48. ? " Tree 3 m. Fr. wh. Fl.?

Living bailey a australis

Mt. Finnegan, west slopes.

Rain forest marginal communities

20001. ? F. tree or shrub 2-4 m. (760 m). Fls. wh. upright branching habit.
02. Alyxia Eng. rocky edges. Shrub 2 m. Fls. marn. Pl. (broad bowed s/. of Rettenden Ker.).

20353. Scaevola Forming low ±1 m high tangles, on grassy edges. Rambling shrub ~~[illegible]~~. Fls. yellow. 800 m.

54. ~~Decasperma~~? One example on grassy edge 800 m Shrub 1.5 m.
Rhodomyrtus aquiflora Fls. pink.

~~Mt. Finnegan~~

Mt. Finnegan

Scrubby high mountain forest 1000 m —

Open rocky area at 1000 m.

Shrubberies at summit (1140 m.)

Mt. Finnigan

Scrubby high mountain forest

Trees & other dominants / Rhodomyrtus sericea

20061. ~~Rhodamnia~~ P. tree or shrub. Fl. buds only. Leaves br. pub. below. Old leaves red

62. Sarcopteryx cf. Maryana F. tree 4-6 m. Fl. buds only

63. Ratfordia Kindack ~~Acronychia~~ Tree 6 m. Fl.? Fl. red, aromatic. Leaves fleshy.

65. Syzygium erythrodoxa Tree 5 m. Fl.? Fl. yellow, tinged red.

20105. Alyxia VA. 1000 m. Tree or shrub 1-3 m. Fragrant cream fl.

14. Sarcopteryx cf. Maryana F. 1000. Tree 4-6 m. Fl. buds only.

20328. Balanops 1060 m. Tree 5-6 m. Fl.? Fl. orange-yellow.

31. Drimys A. 1060 m. Tree or shrub 2-5 m. Fl.? (also a shrub in v.g.)

20338. Timonius. A. in ± open rocky places 1060 m. Shrub 1.5-2 m. Fl. white. Fl. yellowish. Leaves & branchlets thick & fleshy.

37. Epacrid. A. in a shrubby rocky opening 1060 m. Fl. buds only. Fl. yellow

40. Rhododendron Lochae A. in shrubbiness of a rocky opening. 910 m. Shrub 40-60 cm. Fl. red. Only 1 plant found in flower on mountain.

20068. Eucalyptocalyx ? australasicus V.A. in a moist gully 1040 m. 4-6 m. Fl.? Fl. red. Leaves few, 80-110 cm.

20064. Cyathea P. in a moist gully 1040 m. 2.5-3 m. Few flat spreading leaves 60-90 cm. Lower stem much enlarged by a mass of adv. roots & often laterally compressed.

66. " A. in moist gully 1040 m. Leaves flat spreading 80-100 cm. 3-4 m. tall.

69. " O. " " ... 2-2.5 m. Many arched & spreading leaves ± 2.5 m. long.

Mt. Finnegan

Scrubby high mountain forest

Epiphytes & parasites

20060.	Korthalsella	Parasitic on a shrub. 5-6 cm. Plant br-green.
70.	Elaphoglossum	F. on mossy lower trunks & on rocks 1040 m. Fertile leaves whitish.
71.	Fern	Tufted " " " 1040 m. Smooth simple leaves 30-50 cm.
73	"	C. Low on trees 1050 m. Pannatifid. Mostly sterile.
74.	Vittaria?	Branches of trees 1100 m. 2-3.5 cm.
75.	Polypod.	Mossy trunks & rocks 1100 m. Simple tufted sp. to 9 cm.
76.	Hymenoph.	" " " " " 8-10 cm.
77.	Fern.	Pinnatifid 3 cm. (1100 m.).
78.	Polypod.	Trees & rocks 1100 m. Tufts simple hispid leaves 4-10 cm.
79.	Hymenoph.	A. on mossy trees 1100 m. Leaves curved, very pale green.
80	"	Mossy rocks 1100. Dark gr. crinkled leaves 6-7 cm.
88.	Tmesipteris?	Stem of a tree fern (Dicksonia) 1040 m. 10 cm.
20103.	Bulbophyllum	A. on dead branchlets 1000 m. 1-2 cm. Fls. br. yellow, streaked purp-br.
11.	Orch.	One plant 1000 m. 25 cm. Fls. cream.
15.	Vittaria?	1000 m. Stiff recurved leaves 1-3 cm.
20327.	Polypod.	C. 1060 m. Stiff dimorphous simple leaves to 25 cm.
39.	Orch.	V.A. 1060 m. 10-15 cm. Cream, very fragrant fls.
41.	Dumata	A. on rocks & trees 910 m.
42.	Bulbophyllum.	C. small creeping sp. 910 m. Fls. gr-yell. striped purple.

Climbers

Quintinia fawknei

20067.	~~Cunon.?~~	F. scandent shrub 5 cm. (1040 m) Fls. wh. Fl.? Convex smooth leaves.
20101.	Tecomanthe	O. 4-5 m. Fls. red, ± 7 cm. long.

Undergrowth

20329.	Rub.	1060 m. Fls. wh. Fl.? Shrub 2 m.
30.	"	A. 1060 m. Shrub 1-2 m. Fls.?

Mt. Finnegan

Scrubby high mountain forest

Mosses

20081. Rocks on bank of a stream 1040 m
82. Trichosteleum hamatum Covering trunks of trees "
83. Dicranoloma serratum A. trunks of trees & rocks "
84. Leucobryum sanctum A on rocks
85. Macromitrium Scottiae A. dead branchlets of trees 1100 m.
86. Leucob. sanctum Mt bank of a stream 1040 m.
87. Rhizogonium spiniforme P. on granite rocks in scrub 1100 m.
90. Dicranoloma spiniforme sp. nov. A on v.g. Delicate fuzzy sp.
91. Living branchlets of v.g. 1100 m.
92. Living branches of trees "
93. Hypopterygium Daymanianum C. trunks of trees "
96. Rotting wood.
20106. Campylopus Brassii Open ground in scrub. 1000 m.
7. Macromitrium funiforme A. on dead branches "
8. Eucamptodon Muelleri A. living & dead branchlets 1000 m.
20332. Acroporium erythropodum Tree tops. 1060 m. Yellow straw colored cushions.
33. Holomitrium perichaetiale Small dark olive green cushions in tree tops 1060 m.
34. Macromitrium dimorphum Covering dead branches of trees 1060 m. Reddish brown.
35. Dicranoloma austro-scoparium Tops of trees 1060 m. Pale yell-gr. small loose cushions.
36. " " Stems of trees 1060 m. Pale green
56. Branches of low trees 910 m.
57. Tree trunks "
58. On dead branchlets "

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Open rocky area at 1000 m

20102. Dendrobium fusiforme. VA. on exposed granite. 40-50 cm. Fls. cream, fragrant.

04. Borya septentrionalis F. v M. Principal plant on open rocky area. 15-25 cm. Plant raised on stilt roots & often forming loose cushions. Few plants in flower.

09. Halorragis. Herb 20-40 cm. Sterile.

10. Orch. Amongst sedges on open rocky ground. Fls. pink, column green.

12. Helichrysum? F. herb 50 cm. Yellow rayless fls. Leaves grey below

13. Zieria F. open rocky situations. Shrub 30-40 cm. Fls. wh.

16. ? C. amongst rocks on open ground. Herb 3-10 cm. Fls. wh.

20325. Epacrid. C. shrub ± 1 m. Bearded wh. fls. (just opening).

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Shrubberies on summit (1140 m)

20117. Gahnia siberiana — P. to 1 m. Nuts whitish.
18. Agapetes Meiniana F.v.M. — A. shrub ± 1 m. Sterile. Branchlet & petiole red.
19. Rhododendron lochae F.v.M. — F. in stiff shrubberies. ± 1 m. Sterile.
20. Epacrid. — A. (also at 1000 m). ± 1 m. Sterile
21. Nephrolepis — C. in ground mass of shrubberies 20-40 cm. Sterile.
22. ? — O. shrub 1-2 m. Sterile
23. Hibbertia. — O. tubscant shrub ± 1 m. Sterile
24. Tabrearia sp. nov.? — Shrub 1 m. Sterile. Young leaves reddish.
25. ? — C. shrub 1-1.5 m. Sterile.
26. Pittosporum — F. shrub 1 m. Fls. pale yellow.
27. ? — C. shrub 1-1.5 m. Sterile
28. ? — Shrub 1-2 m. Sterile. Young leaves reddish
29. ? — O. shrub 1.5 m. Fls.? Ft. green
30. Drimys — F. shrub 1-1.5 m. Sterile. Young leaves red.
31. ~~Myrtus~~ Austromyrtus? — A major element. Shrub 1-1.5 m. Sterile
32. Alyxia — A. shrub 1-1.5 m. Wh. very fragrant fls. Ft. orange, moniliform.
33. ~~Tuna~~ Quintinia fawkinia? — Shrub 50 cm., prostrate & ascending. Fls. wh. (also at 3400')
34. ~~Rhodamnia~~ Rhodomyrtus sericea — A. 1-1.5 m. Ft. buds only. Leaves br.-pub. below. Old leaves red.
35. Bulbophyllum — Epiphytic 2-3 cm. Fls. yell.-gr. striped purple.
36. ~~Moss~~ Macromitrium dimorphum. — Dead wood. Dense br. cushions
37. Acroporium erythropodum — Living twigs. Straw colored.
38. Campylopus introflexus — Tushioned on rocks. Bronze & pale golden hues.
39. Macromitrium dimorphum — Creeping on dead wood. Dark cinnamon brown.
40. Eucamptodon Muelleri — Dead twigs. Fresh dark green.

Also several hepatics

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