

Collection nos. 178, 183

*K. H. L. Key & party*

# GLAMIS

DUPLICATE

*Darwin area & western Arnhem  
Land, N.T.*

## CARBON BOOK

(Octavo Size)

*22. X. - 6. XI. 1972*

*18. V. - 2. VI. 1973*

100 Leaves in Duplicate

NUMBERED

*Flexiflat*

THERMO-PLASTIC BOUND



Collection no. 178

K. H. L. Key & party

22.X. - 6.XI. 1972

Darwin area  
Northern Arnhem  
Land, N.T.

22/10.

Plant identifications by  
Herbarium Australe

49842. Noonamah

844.7. Turn right on Berry Springs road.

845.2. Crossed railway

847.9. Open woodland of eucalypt spp.,  
*Goniacoides vocans*, *Genus nov.*, 15 sp. 3, *Goniacoides*  
to 40ft, with *Cycas* to 5ft. *reprotha*  
sp. 2

to 3ft, remains of tall coarse grasses  
to 6ft, occ. *Calythrix* to 4ft, ground  
covered with small stones, soil pale  
grey-brown.

849.7. Road off to right to Berry Springs.

850.5. Took left fork.

850.7. Small creek margined by <sup>to 40ft,</sup> eucalypt spp.,  
*Goniacoides* sp. 2, *Rectitropis* sp., *Gesonia*  
*Terminalia* sp., *Acacia* spp., *Melaleuca* sp.,  
*mundata*, *Stenocarpus* sp. *angustifrons*,  
& *Grewia* sp. to 20ft, *Pandanus* sp. to  
*S. vitripennis*  
10ft, *Cycas* sp. to 5ft, various grasses  
to 3-5ft.

854.5. Waterhole in creek. Return.

855.3. Turned right along power line.

855.5 Return



864.7 = 844.7. Turned N.

867.4. Noonamah. Returned S.

875.6. Turned right on Mandorah road.

✓ 878.9. Crossed Berry Creek. *Eucalypts* to  
*Acetropis* sp., *Sesuvium mundula*  
 35ft, *Terminalia* to 15ft, *Grevillea* &  
*Acacia* spp. to 10ft, *Pandanus* sp.,  
 regrowth. Grasses to 3ft.

881.9. Crossed railway.

883.7. Crossed creek.

884.8. Lake

886.2. Blackmore R.  $\frac{1}{2}$  mi. W. of Turabbling  
*Sonchoidia* sp. 2  
 Waters. Return. Vegetation & soil much  
 as at previous stops.

✓ 887.7. Margin of lake (= 884.8). Dense  
*Parabettia femoralis*, *Calophorops viridis* (Cf.)  
 grasses to 3ft leading to short green  
 grasses (or sedges) to 9in., *Heinrichia*  
 to 3ft & open water; some bare muddy  
 patches. Shinobu: *ultriflora*

890.4: Turned right.

894.8. Darwin River.



23/10.

57059. 1. Turned off Stuart Highway for  
Howard Springs.

- ✓ 063.0. Howard Springs, Rain forest around  
spring with free water. Wet banks &  
*Loosiodorus* sp. 1, *L.* sp. 2  
much leaf litter. Return.

068.0. Turn right into Stuart Highway.

- ✓ 071.4. Shallow dry swamp bordered with  
*Macrotona* sp. 17, *Lycopodium* sp. 1, *Heteropteris*  
*Gouillia* sp. to 15ft & regrowth, with  
*obscurella*, *Reclitropis* sp. *Verticordia*  
heath-like understorey of *Suroga* (?) to  
***Restio* sp.** *Austracris guttulosa*, *Morabium*  
3ft + sedge-like tussocks (2 specs.) to  
<sup>sp. P157</sup>  
1ft on pale sandy soil, other shrubs  
*Oc. Tyris*.  
& regrowth *Oc.* *Morabium* on sedge-  
like plants. Mostly ~~in~~ mid to late myopiles.

- ✓ 091.4. Darwin (via Nightcliff). Sample site  
*Chortocites terminifera*, *Sperocarpium vitripennis*  
swamp on Gelouth Av., immediately  
south of the rise leaving Darwin  
High School & opposite northern end  
of Botanic Gardens, between road &  
sea. Sample site to left on dry gravelly  
mud, with <sup>fine</sup> grass to 10 in measuring



drain passing through middle of swamp,  
+ dense grasses to 4ft on rise up from  
swamp. Chok. on fine short grass.  
Succal seen.

24/10.

35458.8. Bagot road intersection.

Proceeding S on Stuart Highway.

476.8. Turned off for Mt Bourley.

478.3. Road off to left.

480.5. Empty Door Hotel - Motel

487.8. Bend R.

489.1. Grid V bend L.

✓ 491.2. Gentle undulations of brown  
Morabine sp. 8la (3), *Stenocatantops*  
sandy loam bearing a thick mat of  
*Wetipennis*, *Rectitropis* sp., *Dyspechhia* sp. 1,  
*Eucalypt*, *Gracillia* sp. + *Teromelia*  
*Goniadoidea* sp. 2  
sp. to 20ft, with undergrowth of *Acacia*  
sp. to 5ft + other shrublets or regrowth  
to 2ft. ~~Acacia~~ Morabine on *Acacia* at  
1ft. Anat. basalis, Heteropt.

491.4. Road off to L to CSIRO.

waisted 0.3m



496.5 Adelaide R. Crossing.

- ✓ 499.3. Shrub woodland on pale grey  
*Macrolopholia* sp., *Acacia conica*, *Goniacoides*  
 sandy soil margining black soil  
 sp-2, *Stenocentropus angustifolius*, *Caledia*  
 plain. *Acacia* & *Terminalia*,  
*Capparis*, *Leptochloa* sp-1  
 wild. E. papuana, to 30ft, *Pandanus*  
 to 12 ft, regrowth of all, other small  
 trees + shrubs. A coarse labiate with  
 dead inflorescences to 5ft + regrowth  
 to 9in, some grass to 1ft. *A. basalis*,  
*S. utripennis*.

503.5. Cross roads.

508.1. Cross roads.

511.3. Cross roads.

- ✓ 514.1 Gentle stony rise with brown  
*Austroripidulosa*  
 soil. A variety of trees in woodland  
 formation to 40ft, with occ. small  
*Enyathrophllum* to 10ft  
 ? ~~*Terminalia*~~ (very compound leaf with  
 rounded leaflets) + much regrowth of  
 this to 3ft. Dead grass dense to  
 4ft.

515.8. Enter Mt. Bundy Sta.



517.2 Mt. Bunderley entrance gate to R.

517.8 Mt. Bunderley mine. End of timberline.

524.0 Mary River.

526.1 Turn-off R. to Amalbertwood S.

537.0 Bell Bros. turn-off to left.

545.1 Road off to L.

✓ 545.7 Level country with grey-brown *Stenocarpus utripennis* soil & lateritic gravel. Mixed *Cucurbit* & *Terminalia* to 40ft, *Pandanus* to 10ft & regrowth. Dense grass originally to 6ft, now partly collapsed.

562.0 Van. on L.

✓ 564.2 Rocky hill & adjacent slopes. *Austrobaileia basal* Mixed *Cucurbit* & *Terminalia* to 30ft. with regrowth. Mixed grasses to 3ft.

571.5 Crossed ~~Crossed~~ *S. Alligator R.*

584.1 Crossed creek.

593.6 Pine Cr. road to R.

✓ 597.7 Coomda. Camped.

25/10.

16688.5

16699.4  
"detour"

? 16715.2  
? 16717.4

568.4 = 280.5

586.0 = 267.9

595.1 = 253.8



57250.0 Coomda Store departure Darwin

✓ 253.8 Low open forest on very gentle undulations with pines to 40ft, Acacia sp. + several diaducous spp. to 12ft, Livistona to 10ft, Calytrix sp. to 6ft, regrowth, dead grass dense originally to 4ft. Stenocarp. vitrip.

✓ 262.9 Gentle undulations. Eucis + Rectitropis sp. Erythropomala amara (♀) Melaleuca spp. to 40ft, Pandanus, Acacia sp. + occ. Grevillea sp. to 12ft, regrowth of all these, grasses to 4ft. incl. Themeda australis + imparata. S. vitripennis, S. august.

271.4 Crossed ~~Coomda~~ S. Alligator R.

✓ 280.5 Eucis to 25ft with some Terminalia Stenocarpantops vitripennis (?) on rocky quartzite ridge c. 200ft high. A little regrowth, dense grass originally to 8ft, but largely collapsed or burnt. Return.

306.5 Turned off on Pine Creek road.

319.6 Barramundie Ruins.

307.8 = 471.6  
313.0 = 476.8



334.5 = 498.5

8

323.1. Barramunda Cr.

334.5. Crossed South Alligator R.

346.5. Crossed creek (Kerowie.)

348.2. Road off to R to Goodpapa H.S. 12mi.

354.5. Track in from L.

356.5. Road in from El Sharana on L.

Took right fork.

359.7. Track off to R.

362.1. Turned round.

- ✓ 364.9. Small creek in hills with  
*Microla* sp. 19, *Austracris basalis*  
massive outcropping sandstone.  
Eucalyptus well spaced to 40ft, *Acacia*  
& *Pandanus*  
sp. to 15ft, other small trees & shrubs,  
*Troodia* sp. to 10ft among boulders,  
*Troodia proclera* R. Pr.  
*Plectrocline* sp. (spec.) with inflorescence  
to 4ft, foliage coarse & loose, *Themeda*  
*australis* & other grasses to 3ft.  
*Macrotomoid* on *Troodia* sp. 1  
extant ~~*Plectrocline*~~ *Troodia proclera*.

- ✓ 367.7. Road to El Sharana off to R.  
Gently undulating pink sand with



eucs + *Terminalia* spp. to 40ft. *Acacia*  
 Genus nos. 15 sp. 7, Genus nov. 105 sp. 3 (j.), Genus  
 spp. to 6ft scattered, fairly dense small  
 nov. 61 sp. 2 (j.) *Triodia* sp. *Parastria reticulata*  
 tussocks of *Triodia* sp. (spec.) to 10m,  
 inflorescence to 2ft. Macrotonoid on  
*Triodia*.

dense

✓ 372.1. Eucs, narrow-phyllote *Acacia* +  
*Erythropomala amena*, *Microala* sp. 19 (j.), Genus  
 Occ. *Terminalia* to 25ft (eucs to 50ft) on  
 nov. 105 sp. (j.), Genus nov. 61 sp. 2 (j.)  
 flat with pale brown sand. Much *Acacia*  
 regrowth. Coarse grass in patches to 4ft,  
 v. occ. *Triodia*, *Calytrix* to 6ft occ.

375.9: Turn-off to Gookpasla on L.  
 wastes some miles

448.1. Houslangie camp site. Material  
 at light & by torch.

26/10

✓ 449.1. *Callitris* sp. eucs, *Terminalia*,  
*Paratettix nigrescens*, *P. histicus*,  
 + other monsoon-type trees to 50ft on  
*Hedotettix holivari*, *Austroacrobasis*,  
 brown sand with thick underground  
*Valanga irregularis*, *Rechtropis* sp.  
 of deciduous shrubs, *Acacia* spp.,  
 v. occ. *Calytrix* to 10ft, labiate as  
 before, dead to 5ft, a little grass in



patches, which leaf letter: S. angustifolia

452.7. Cross road.

458.5. Turned right for Pine Hill.

464.3. Road off to motel on R.

470.3. Turned off on Pine Creek road.

✓ 471.4. Goes to 40ft with Terminalia  
*sericea* var. sericea, var. sericea  
 to 25ft. Acacia app. (2) to 20ft. Acacia  
 app. Calytrix to 6ft., dense grass  
 equally to 5ft. Gynerospora sp.

✓ 476.8. Shaded depression with cut bank  
Stenocarpus vitripennis, Erythrina  
 sand. Terminalia to 40ft on  
 (2) Acacia app. Verticordia  
melaleuca app. Verticordia (2) to 10ft.  
 perennial wing grasses to 2ft., Acacia  
 (2) Acacia app. to 7ft. Acacia app.

477.4.

481.0. Crossed Barkin Creek.

485.5. Crossed South Alligator R. Adjacent  
Taraleia var. sericea, P. n.  
 woodland, with Acacia (mainly 2) to  
 to 60ft; Pandanus to 15ft. Acacia



6 ft. grass, largely grazed or trampled, originally to 6 ft. - brown below, including margins of once with purple heads. Broadleafed trees, & bamboo to 10 ft. To 10 ft. on muddy & sandy margins of pools - richest herb. A. basalis, S. ...

512.5 Same creek crossing. Returned.

555.5 Conda Store.

542.7 Turned left for Nuanetsi.

569.1 Turned R.

572.6 Camp at Nuanetsi.

27/11

✓ 572.6 Nuanetsi sp. grass to 6 ft. - brown on Nuanetsi Creek. ... 3.0 ft. with occ. ...



...  
 ...  
 forest & open forest a narrow strip  
 ... with grass (mainly *Leucaena*)  
 ... *Lycopodium* & other small open  
 ... *Macraezelota* associates with  
 small patches. *Reichbopsis* amongst  
 ... *darius*, *Steno. vitrip.* *Pitum*

575.3 Turned left.

580 Turn left on to Oeripalli road.

587 Crossed New large ck.

583.3 Turned R.

587.7 Turned R.

590.5 Turned R.

591.1 ~~Turned R.~~ ... on New large  
 ... Turned R.

✓ 592.6. The same ...  
*Myst. acris bacalis*, ...  
 ... with *Leucaena* sp.  
 sp. 10, *Microsola* sp. 19  
 Other trees to 30 ft; *Pandanus* to  
 12 ft. small shrubs to 3 ft. *Tridax* sp.  
 among rocks to 1 ft, grasses to 1 ft

(581.8) = 602.4

(584.4) = 599.8

(590.2) = 610.3

591.6  
 = 592.6



in an flat. Pale sand. Macrocarpa  
 on Tridax, other new sp. among rocks  
 at base of outcrop. S. utrip.

593.7. Turned L. = 590:5

595.2. Took left fork

596.5. Road in from R. = 587:7

✓ 598.2. Saco, Terminalia, Acacia sp. 4000  
 Melaleuca sp. to 40 ft. Round in, 40 ft.  
 Acacia sp. to left in patches. represent  
 fine grasses & scattered forbs to left.  
Steno. angust.

599.7. Turned S ~~to left fork~~ (2)

601.5. Crossed New Large Cr. = 582.7

✓ 602.4. Flat with pale sandy soil & many  
<sup>genus now 106 sp. 1</sup>  
 Saco, Terminalia to 40 ft, occ. Melaleuca  
 to 15 ft, occ. Conocarpia to 15 ft, patches  
 of Calytrix to left dense & subgular  
 plant dense & green to 10, occ. grass  
 to 1 ft; occ. fine Acacia sp. to 5 ft. occ.  
Verticordia  
 to 1 ft; occ. Grevillea to 5 ft.  
Macnaboblia sp. Return.







soft open sandstone (Bentonite?)  
to left. Agonostoma sp. n.

652.6. Clustered banded sandstone from  
<sup>Micro. sp. n.</sup>  
camp with small to medium Tetradia  
shells & banded bands of sandstone  
conglomerate, with Tetradia sp. in  
passages & holes, often with a  
microphyllous shell to left. Acacia sp.  
traces sp. & other small trees in  
narrow gorges between the thick  
sandstone sheets.

653.4. Back at camp. Return:

656.3. Road off to R.

657.1. Turned right.

657.2. Turned L

658.7. Baroalba Springs camp.

29/10.

659.7. Metab. sea spp.; acc. ires & other  
Valonia irregularis, Sferocarinops  
traces to right with Acacia to left.

" Vesticordia cunninghamii Schan.

traces to left. Acacia spp. occ.  
largest from Euomphalon sp. 1 (C), Metab. sea  
to left, with Acacia spp. to left.  
sp. P200 (C). Paratella sp. n., Ret. sp.  
sp., Ces. sp. n., Heliosiphonia sp. n.







1946.2. Kariyasa report.

[Mr. Lindsay Curtis, of Toronto, took me to a place ca. 1 mi. W. of Kariyasa, where he had found an adult Petasida some 2 months earlier. The site was a ~~low~~ rocky hill forward of the higher scarp, bearing specimens of two *Pityrodia jamesii* Specht & another aromatic shrubs (sp. 100). He pointed to a particular ~~Verbenaceae~~ *Pityrodia* ~~sp. 100~~ *angustiripalis* to a particular *Verbenaceae* plant in which he said the Petasida had been found. The plant proved to be in close contact on one side with one of the (fencing) aromatic shrubs to ca. 1 m., & led to the impression that this shrub was a major host of Petasida.]

1947.9. Underlating <sup>sands</sup> ~~ground~~ by with

are some rock of ridges & in ferns of  
 genus nos. 6100. 215. Macraea sp. 100  
 flats & g. thrs. Near white sand.  
 Petasida *sp. 100* (i.), *sp. 100* (i.)  
 Mainly 3 species of *Verbenaceae* to height  
 1 m., genus nos. 106 215. *Macraea* sp.  
 with a minute, coloured very faint  
 gutta to *Verbenaceae*, genus nos. 105. sp. 100. *Verbenaceae*



15 ft, mainly dead, but represented by  
 sp.  
 through the many different plants to  
 1 ft, including a separate clade  
 (some shrubs  
*Pithecodia jamesii*)  
 herbs to 3 ft, incl. the aromatic  
 next to the *Frodia* at low W. of storage  
*Frodia* sp. at higher levels, various  
 grasses to 3 ft, much sedge-like  
 bushy plants to 1 ft, some low  
 grass to 4 in, a little nearly bare  
 ground. *Potamogeton* the aromatic plant  
 (sometimes several per plant),  
~~*Bambusa* sp. aff. *B. cirrosa* Sw. & *Bambusa*~~  
~~aff. *B. cirrosa* Sw. & *Bambusa*~~  
*conospermoides* W. & Fitzg.  
 The insects sit well up on the plants,  
 often near the tips of the shoots, but  
 gregariously. They show little response  
 to human approach, are most  
 conspicuous. They were observed feeding  
 on the foliage at 4 to 5 m. The small  
*Dryobates* was on nearly bare sand at



... some dead grass. Morabine in  
... valley, apparently associated  
... low spreading population, but  
... certainly no. Macrostoma on strong  
... Revised.

20th

... flat with white sand ...  
... stand of ...  
... 20ft, plus ...  
... about. Calyptina occ. to 15ft.  
... rocky slope with  
... up ...  
...  
...  
... 702.1. Revised.

704.2. - 709.9.

713.3. Trench ...

715.0. Trench ...

717.1. Trench ...

724.5. Trench ...

726.3. Trench ...



*Austracris basalis*.  
 with a little *Latentia* gravel. 9. to  
 40ft. with *Beacia* sp. *Gowillia*, etc.  
*Helicoverca* & *Stenobothrus* here to 20ft.  
 Grass mainly perennial to 4ft. some  
 species annual to 2ft. *Stenobothrus*  
 abundant in patches to 10ft. See

727.2 Road off to L.

728.7 Road to Jalini off to R.

730.7 Road in from L.

735.0 Turned R for Mulpurbari.

735.2 Mulpurbari. Returned.

741.3 Crossed road.

741.7 Turned R. Mulpurbari Camp.

745.0 Turned L.

747.8 Turned R. Mulpurbari. Returned.

752.0 Turned R. into Mulpurbari road.

759.8 Turned off R.

761.1 Turned R. Mulpurbari S.

761.3 (Mulpurbari Camp) Camp.

761.5 Turned R. Mulpurbari S.









652.2. Summary.

653.2. Turned L.

654.2. Turned left into ...

655.2. Turn-off to R to ...

656 - fine grey rather dense ...  
*Acacia* spp. (at least)  
 L. 15 ft & regrowth. Much leaf litter  
 little ground ligo. Small species on  
 leaf litter.

657 - sandy soil with some fairly fine

leaf litter. *Acacia* spp. (at least)

L. 15 ft & regrowth. Much leaf litter

little ground ligo. Small species on

leaf litter.

658 Turn-off to R to ...

659.2. Turn-off to ...

660.1. Turn with loose pale grey sand.

... *Acacia* spp. to 15 ft, *Brachylaena* sp. to

*Erythrina* sp. (j), Gum. nov. 10 ft (j),

same, acc. to same, broadly

open, pale-leaved, much-leaved

tree with several main stems to 20

ft on margin, sparse grasses to 6 in

patches bare sand, *Vestibordia*

L. 1 ft. *Acacia* spp. on sand.





Trillium sp. - 1st. *Trillium* sp. 1st.  
 in a small open to moist *Trillium*  
*Macrotoma* sp. 1st. *Senecio* sp. 1st. 105. 4. 1st.  
 - p. 4 other trees to soft, *Carum*  
 at roots to soft. *Linum* to soft. *Linum*  
 - like plant to to 1st dense.  
*Vorticordia* to 7ft acc. *Tridax* sp. on  
 cut-ups, a few *Petalida* *Urtica*  
 1st. *Brachypteris* was found as well  
 with *Tridax* but not during to it.

901.2. *Scirpelli* ~~to 1st~~

901.7. Sharp head L.

903.9. Hill on L.

905.7. *Senecio* & other trees on Gray  
*Senecioidea* sp. 2  
 sandy loam flat adjacent to grass  
 plain. *Senecio* to 1st. *Senecio* sp.  
 upright. Mainly dense tall grass.

906.0. Yall. Road off to L.

912.4. Track off to L.

912.9. ~~at~~ flat in the pale gray fine sandy  
 loam. *Senecio* sp. 1st. *Senecio* sp. 2.  
*Senecio* sp. 1st. *Senecio* sp. 2.  
*Senecio* sp. 1st. *Senecio* sp. 2.  
 Patchy fine grass to 1st & common 1st.

a previous job just beginning to  
 about abundant in the area  
 areas. Pendanus to left side.

257. Track off to left to Manganrida.

258. Cross creek.

259. Cross creek.

✓ 260. Some hundreds of yards to  
 of track, across creek, a low, broken  
 broken, sandstone structure

climbing the steep slope further to

Microphyllous myofaceous shrubs to

5 ft open, with *Pityrodia jamesii*

(*D. conospemoides*) 57699.9

*Pityrodia lanceolata* Munier

of other shrubs to left.

*Pityrodia* some grassy jobs. Found

an *Encampella*. *Pityrodia* sp. nov.

261. Crossed creek.

262. Crossed creek.

263. Reached the camp.

264. Crossed creek.

265.

*Pityrodia lanceolata* Munier





1010. Turned round

1011. Ground creek

967. Turned round. Group of low  
Mierda sp. 19  
in below outcrops - intervening

flats. Calcite sand. Grass, weed.

E. *Hadonta* & *minuta*, to 6ft. *Hadonta*  
to 15ft, *Limnium* to 1ft, *Calyptra*

& another *microphyllus* - to 7ft.

*T. dia* sp. & *Plectrachne* (?) <sup>mainly</sup>

rocks, *Gnathia* sp. to 4ft. some other

grass. *Macrostomus* or *spinifol.*

1012. Turned round.

1011. Ground creek.

1012. Shallow flat depression with *Had.*  
*Had.* to 1ft, *Had.* to 10, *Calyptra* to 1ft.

to 2ft. *Had.* to 2ft. *Had.* to 2ft.  
*Had.* to 2ft. *Had.* to 2ft.

*Had.* to 2ft. *Had.* to 2ft. *Had.* to 2ft.  
*Had.* to 2ft. *Had.* to 2ft. *Had.* to 2ft.

*Had.* to 2ft. *Had.* to 2ft. *Had.* to 2ft.  
*Had.* to 2ft. *Had.* to 2ft. *Had.* to 2ft.

(dead) grass & bare ground.

1013. Turned round left.

ANZ

1014. ~~Turned round~~ Turned round.

1015. ~~Turned round~~ Turned round.















patches of tangled *Atractomopha*  
*Hypocates floribunda* R. Br.  
 about (spec, photos) to left patches of  
 very grass further from outcrop to the  
 Some ~~leaves~~ leaves palms. in light  
 thick litter. The *Atractomopha* is a  
 very bright clear green in the green  
 form, with a small white spot at  
 base of legumen. Adults are as restricted  
 to the single food plant as nymphs  
 but a little less sluggish. More than  
 one family of *Aecia*.

11

555.3. Collected & deposited.

571. Frank Wright's place. Returned on  
 east road.

573. Returned.

577. Laterite rise next to airstrip. *Brown*  
*Moniacoidia* sp. 2  
 soil with fine laterite gravel &  
 occ. flat outcrops of laterite & small  
 laterite rocks. Grass. to 20ft, incl a  
 blue wood with sessile leaves  
*Verticordia*  
*Aecia* spp. ~~Fungi~~, *Calythia* & other



also *Livistona*.

shrubs, to 10ft. Much leaf litter in patches, hardly any ground stratum.

Macrophobia. Returned.

58110.5. (Some miles wasted). White  
*Calidia capitata* *Gemmo* nov. 106<sup>sp. 1.</sup>  
 sandy flat between self-nucleating  
*Stenocarpus angustifolius*, *Pardillia*  
 dark grey plain + massive sandstone  
 sp. (f.)  
 outcrop to 150ft. *E. papuana*, *Terminalia*  
 + *Livistona*  
 + other trees to 30ft, *Pandanus* to  
 15ft, *Acacia* spp. to 12ft + regrowth,  
*Banksia* sp. to 15ft, fine wiry grass  
 to 1ft, coarser grass (perennial) in  
 patches to 18in., patches very short  
 dead grass. Plain grazed to very  
 short turf. Outcrop with *Acacia* spp.  
 + other shrubs to 12ft, *Triodia* sp.,  
 an annual grass to 8in + *Rubra*-  
 like plant to 5in on flat rock  
 depressions on summit (*Lycopodium*  
~~grows here~~).

6/11.

110.5. Departed northwards. Returned.

*Hypocistes floribunda* R. Br. (Peanthaceae)

111.2. Specimen of *Atractomorpha* bush.



136.9. Turned L. for Jabim.

140.9. Shallow depression with marbled  
*Rechtropis* sp. 1, *Austracris guttata*, morabine  
 sand. *Melalucea* sp., *Brevillea* sp.,  
 sp. P158, *Xyoplectia* sp. 1, *Stenocarpus*, *Phicoidia*  
*Pandanus* + occ. trees to 25 ft, ~~some~~  
*Whipcygnis*, *Gonialoteia* sp. 2, *Macrotoma* sp. 17  
 to 10 ft. Mixed grasses, incl. fine wiry,  
 to 1 ft, sedge-like plants (2) to 1 ft,  
 some bare ground. *Macrolophosia*

143.2. Jabim.

147.9. Escarpment S. of Jabim. Forest  
*Gymnos. nov. 92* sp. 1, *Macrosyloa* sp. 3 (f.),  
*E. tetradonta* + *E. miniata* to 50 ft, *Acacia*  
*Micrcolea* sp. 19,  
 sp. + other trees occ. to 15 ft. Heavily  
 burned. Few remaining unburnt patches  
 have *Calythrix* to 7 ft, wiry grasses  
 well spaced to 2 ft (phasmatids on  
 them) + *Triodia* in small clumps.  
 Leaf litter, bare ground (pale beige sand),  
 a little coarse gravel. Returned

152.5. Jabim

156.0. Jabim depart W.

158.4. Returned.

160.9. Jabim



162.4. Camp on Mackayla Cr. Gentle  
 slopes with pale brown sandy loam  
 nov. 99 sp. 2, Macrolophidia sp., Genus nov. 61  
 with lateritic gravel + occ. flat  
 sp. 2 (1) Stenocantops vitripennis, Austracis  
 suberosa marginata creek. Genus +  
 basalis, Genus nov. 75 sp. 2, Morabine sp. P200(?)  
 occ. Acacia sp. to 30ft, with Trochil  
 + scattered sedge-like plants  
 in small ~~clumps~~ to 10 m, some  
 Paratettix pycnopyga  
 here ground. Melalucina sp. rather  
 trees bordering creek.