20/11
Temporary Numbers

Ridges in 1° Forest between Base & Sesirih R camps.

Sapotaceae ?
Tree 3.5 m x 70 cm, bark brown, fine length cracks; 1/6 to 1 cm thick, granular, orange; watery sap. Fruit pale green with white latex.

\[ \times 2 \]
\[ \times 3 \]
\[ \times 4 \]

Dipterocarpaceae - his only

5. ? Dipterocarp fruit

21/11 Riverine forest to Sesirih base camps.

\[ \times 6 \]
Dipterocarp Dryobalanaceae
Tree 30 m x 25 cm, Bark smooth, thin (3mm) dark brown, pace length 4 cm.

7. Lauraceae ? Litsena
<table>
<thead>
<tr>
<th>No.</th>
<th>Species</th>
<th>General Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>8</td>
<td>Rubiaceae Lasianthus</td>
<td>Shrub, 2m x 1m char. stem, fruits rosal blue</td>
</tr>
<tr>
<td>9</td>
<td>Euphorbiaceae Aphorosa</td>
<td>Tree, 12m x 9cm dia., bark smooth, dark brown, fruit orangy - yellow</td>
</tr>
<tr>
<td>10</td>
<td>Euphorbiaceae Aphorosa</td>
<td>Tree, 12m x 15cm, bark dark grey + flacky, fruit dull orange</td>
</tr>
<tr>
<td>11</td>
<td>Saurauiacese Saurania</td>
<td>Tree, 9m x 10cm char., bark brown, deeply fissured, leaf soft, orange - brown, flower white, waxy</td>
</tr>
</tbody>
</table>
2  Euphorbe  Agrostostachys
Understory tree 9m x 7m
Flowers penant greenish
staminal tube white
Fruit green
N65 1724
13  Trimaclor  Micracos
Tree 10m x 25 cm dbh
Bark + smooth, dark brown
w/lo orange
Fruit red.

14  ANNONACEAE
Under shrub 1.5 m tall
hut to 40 cm long
Fruit orangy-yellow

15  MELASTOMATACEAE  Histrinia
Shrub 2m tall
Fruit green turning reddish

16  ZINGIBERACE  Erythrust
Stem 60 cm, u/leaves and
sheath purplish
Flowers red enclosed in fleshy
orange  (9)  bracts,  Aerial roots  
Roots fleshy, green  

17  CYPERACEAE  
Cyperus  
Stem 50cm, base purplish  

18  RUBIACEAE  
Lathisarthis  
Shrub 1.5m; back dark brown with rows of pale lenticle  
Fruit terminal, green  
Lus glaucas under  

19  EUPHORBIA  
Baccarina  
Undersologic tree 8m x 10cm dbh  
Back light brown, soft, parsley  
Fibre red; leaf (marl) purple  

20  Polygalaceae  
Xanthophrullum  
Treelet 9m x 10cm dbh  
Bark dark brown, slightly  
Resin, thin  
Flower pale green, waxy  
Orange
21  Bunsea ac  Dachyodes
Treelet 4m x 7cm clad
Bark : light brown, slightly sensual
Flower : pendent on terminal flagellary branches up to 150cm long; salmon pink
Rubia Car glypylum

22  Treelet 4m  San die
Infln on old wood, auxiliary white; Bark brown

23  SABAL CAR  Malaysia
Shrub  3 - 4m tall
Flower : green and white
Fruit : (immature) green
Bark : dark brown, pugose
W/b : orange

24  LEAF CERS  Latina indica
Shrub  3m tall
Petiole : base purple
Flower : K green; C creamy white
25 Rubusarum  Psychotria
Shrub 2 m
Flo. green

26 Pelargonium Schefflera
Shrubby epiphyte 2 ½ m tall
Inflorescence purple

22/11 Sengiriha → Base camp

27 Damp stream bed
Sterculia Stenola
Shrub 2 m tall
Fruit bright orange
5 lobed

28 Ziziphus
Rhamnaceae  Psychotria
Climber 5 m; young fruit green

29 Ridge steep slopes
Ziziphus
2 m, fruit if @ 50 m
Inflammation, head, and soul
in red bruises.

30 * DIPTEROCARP
Tree 25 cm x 70 cm
Bark reddish brown
Fruit wings red-purple
Ridge -

31 LUBBERIAC 3. Psychotria
Treelet 7 m x 1.5 m
Fruit green, Flower green - cream

32 ANNONAER
Climber 20 m x 2.3 cm
Die, Fruit green

33 * DIPTEROCARP
Tree 35 cm x 70 cm
Bark green, inner flake red-brown
34  Trailing vine, flowers greenish white, fruits glaucous

35  MYRISTICACEAE
    Tree 35 - 40 m x 20 cm
    Bark reddish brown, rough
    Podding with putative of
    Fruit dull orange - orange, bright orange, fleshly white (and)
    Seeds reddish brown

36  Stream bed, shady
    EUPHORBIACEAE, Clusiodon
    Undershrubs, treelet 2 m tall, branched at apex
    Fruits white, many

⇒ 23/11

⇒ Specimen restored for map
37. Euphorbe Calitania
   Under shrub 4m x 7cm dia
   Pendulous green inflorescence

38. Rubiaceae Paveeta
   Shrub 3m x 5cm dia
   Fruit blueish green, glabrous

39. Myrtaceae Eugenia
   Under shrub 3m x 5cm dia
   Flower petals yellowish green
   Staminal tube white

40. Sabiaceae Meliosma
   Shrub 2m tall x 3cm dia
   Flagellate branch, leathery
   Inflorescence, fruit pink

41. Rubiaceae Terrestrial herb 50cm tall
   Flowers white

42. Euphorbe Antidesma
   Understory tree 6m x 7cm dia
   Fruit reddish brown
<table>
<thead>
<tr>
<th>Rubiaceae</th>
<th>Paretta</th>
</tr>
</thead>
<tbody>
<tr>
<td>43</td>
<td>Idem #38</td>
</tr>
<tr>
<td>Flowers (bud)</td>
<td>creamy white</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>44</th>
<th>Euphorbs Malotus</th>
</tr>
</thead>
<tbody>
<tr>
<td>Shrub 3m</td>
<td>tall x 3 cm dia.</td>
</tr>
<tr>
<td>Fruit pale</td>
<td>green</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>45</th>
<th>Rubiaceae Paretta</th>
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</thead>
<tbody>
<tr>
<td>Shrub 4m</td>
<td>tall x 5 cm dia.</td>
</tr>
<tr>
<td>Flowers</td>
<td>K green, C white</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>46</th>
<th>Saaurasia</th>
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</thead>
<tbody>
<tr>
<td>Shrub 2m</td>
<td>x 5 cm dia.</td>
</tr>
<tr>
<td>Flowers</td>
<td>creamy, or old bags</td>
</tr>
<tr>
<td>K green</td>
<td>C white, anthers</td>
</tr>
<tr>
<td>creamy yellow</td>
<td>style, white</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>47</th>
<th>Moricean by Fields</th>
</tr>
</thead>
<tbody>
<tr>
<td>Understore</td>
<td>Tree 8 m x 18 cm</td>
</tr>
<tr>
<td>dbh</td>
<td>Bark reddish brown</td>
</tr>
</tbody>
</table>
Fern, green, running, yellow, or black

48 on stonew. nick bark
Fern to 130 cm tall
frist fertile stipe @ 50 cm
longest stipe 25 cm

49 Rubiaceae, Urophyllum
Small understory tree, 6 m x 7 m. Bark reddish brown, smooth.
Leaves, R green. Petals, (reduced) cream white, anthers orange.

50 Rubiaceae, Ixora
Slender shrub, 2 m tall
Young wood and pedicles bright red. Flower buds greenish yellow, tinted red.
Immature fruits green.
<table>
<thead>
<tr>
<th>Page</th>
<th>Species</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>51</td>
<td>Euphorbus</td>
<td>Baccarin</td>
</tr>
<tr>
<td></td>
<td>idem 19</td>
<td></td>
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<tr>
<td>52</td>
<td>Sauropoda</td>
<td>idem 46</td>
</tr>
<tr>
<td>53</td>
<td>Rubiaceae</td>
<td>Ixora</td>
</tr>
<tr>
<td></td>
<td>idem 50</td>
<td></td>
</tr>
<tr>
<td>54</td>
<td>Rubiaceae</td>
<td>2 cm tall, 2½ ft. tall</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Fl. H. stem C tube white</td>
</tr>
<tr>
<td>55</td>
<td>macae</td>
<td>Ficus</td>
</tr>
<tr>
<td></td>
<td>idem 47</td>
<td></td>
</tr>
<tr>
<td>69</td>
<td>Marrubium</td>
<td>Angiopetia</td>
</tr>
<tr>
<td></td>
<td>Firm 1</td>
<td>6 cm tall stems</td>
</tr>
<tr>
<td></td>
<td>Photo: Raheis 5 em. die</td>
<td>Corrected in brown felt, undetermined life, brown, fruticose, 13 cm diam.</td>
</tr>
<tr>
<td></td>
<td>Pinnac 18 cm.</td>
<td>140 cm long</td>
</tr>
<tr>
<td></td>
<td>6 cm up.</td>
<td></td>
</tr>
</tbody>
</table>
| 56 | Rhamnaceae
Undertaking slender 3 m tall
|     | x 10 cm dia.
|     | Flower green and chile.
|     | Fruit black at maturity |
| 57 | Rubiaceae
Pavetta
|     | linn. 45
|     | Fruit green |
| 58 | Theaceae
Haemochina
|     | Undertaking Keelet 5 cm x 1 cm
|     | Fruit green |
| 59 | Spinginezia?
|     | Epiphyte orchid species
|     | to 1.0 long |
| 60 | Epiphyte orchid species
|     | Borneo purple
|     | Flower tube white
|     | Fruits glaucous |
| 61 | Fern, Fndd 120 cm.  
    | Rhizics 60 cm.  
    | Fpophytic in steam. |
| 62 | Fern, Fpophytic in steam.  
    | Fruits & dactylurion. |
| 63 | Fern, stony ground, near bank.  
    | Ferns to 100 cm., rhizics 60 cm. |
| 64 | Fern, stones near bank. |
| 65 | Terrestrial herbs, wide bank.  
    | Ferns and pedicular pypinhas. |
66
Tecoma str. herb, young
bush, 50 cm tall
stem base purple
Inflorescence/Fruit? white

67 Rubus
Low shrub to 1 m
Flower green w/ pink
tinge

68 Veracna
Clethra
Slender shrub 3 m
lobed
Calyx green, Corolla tube white
slimmer purple

See page 81

20 = 24/11

Gesarirh camp - base camp
Ridge - old logging road

70 Rubaceae
Low shrub Corolla tube green
lobes orange w/ yellow margin
Calyx lobes t. expanded up from greenish white "bract".

c. Base camp (Argus) - Talu Lakat - main road 20 vegetation

71 LEGUME Phanaca

Climber to 25 m x 3 cm dia
Corolla yellow, fragrant

72 VERBENACE
Tree 7m x 1.0 cm dbh
Corolla tube whitish, lobes violet, fragrant
1 m, haloban

73 VERBENAC Chrodonorum
Shrub 2m x 2 cm dia
Corolla tube and lobes streaked with purple, fragrant
1 m, champaga

74 VITACEAE ? Vitis
Climber to 4 m x 1 cm dia
Fruit maggy-green

in Balitay
75  Rubiace.
Clumber  4m tall x 1m dia.
Corolla tube yellowish, lobes white fragrant + +
In: Handelang

76  Annonac.
Clumber  to 5m x 2cm
Perianth lobes pale yellow-green, immature fruits yellow

77  Verbenac. Callicarpa.
Shrub to 2m x 1.5cm dia.
Fruits turning pinkish-red.

78  Laurac.
Tree  5m x 7cm dbh.
Immature fruits dark green with light green flecks.
In: —

 vigorously 25/11 1° Favor, River 100 km
S. Semoean

79  Myrtac.
Shrub to 5m x 6cm dia.
Inflorescence greenish-white, staminal tube white, Fruit purple

80. *Purse*.
Treelet 4m x 10cm dia.
Fruits orange 25mm dia.

81. *Purseaceae* Urophyllum
Shrub 4m x 7cm dia stem
Fruit on old stem, yellowish-green

82. *Ebenaceae* Drosophyllum
Treelet 5m x 5cm dia
Fruits greenish streaked with wine-red, 35mm dia

83. slender Shrub 1.5m tall
Fruit on terminal flagellum
Branch 90cm long, 5cm (1inch)
Fruit yellow green with reddish tufts
10mm dia
<table>
<thead>
<tr>
<th>No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>84</td>
<td>Shrub Treelet 3 m x 2 cm dia. Fruit dark green, 10 mm dia.</td>
</tr>
<tr>
<td>85</td>
<td>Euphorb Mallotus</td>
</tr>
<tr>
<td></td>
<td>Shrub 3 m tall</td>
</tr>
<tr>
<td></td>
<td>Fruit green</td>
</tr>
<tr>
<td>86</td>
<td>Idem 84</td>
</tr>
<tr>
<td>87</td>
<td>Idem 83</td>
</tr>
<tr>
<td></td>
<td>Fruit red</td>
</tr>
<tr>
<td>88</td>
<td>Euphorb Antidesma</td>
</tr>
<tr>
<td></td>
<td>Shrub 4 m tall x 3 cm dia</td>
</tr>
<tr>
<td></td>
<td>Fruit green</td>
</tr>
<tr>
<td></td>
<td>Flower green</td>
</tr>
<tr>
<td>89</td>
<td>Hymenophyllac Trichsmnec</td>
</tr>
<tr>
<td></td>
<td>Fern growing on rooks besides stream, shady, 30 cm tall</td>
</tr>
<tr>
<td>90</td>
<td>Acarath Sigmoides</td>
</tr>
<tr>
<td></td>
<td>Herb to 20 cm; Fe. Persistent, only x</td>
</tr>
</tbody>
</table>
with white hairs on tube and
green lobes. 1mm. 5 x green
Rocks by stream side

91  Rhododendron Psychotria
slender Treelet 4m x 5cm dia
Fl. buds yellowish green
Fruit glaucous, 12mm dia

92  Nephrstegus
Fern, epiphtic on dead
tree; 5onds to 7.5 cm

93  Salazinella  Salazinella
20cm tall, copper-brown
leaves.

94  Dilleniaceae  Dillenia
Tree 10m x 16cm
dia. Bark reddish brown
peeling, thin
Flower  Corolla yellow
10cm dia, stamens purple
styles white, Calyx green
reflexed
95 Hymenophyllaceae
45 cm tall in soil of stream
brush

96 Lauraceae
Tree 25 cm x 25 cm
Bark greyish brown, tuberculated
ate & flattened at back
orange, granular, 5 mm thick
1 in. Malden Suriya
Flower buds green

Photo 97

Piperaceae
Shrub to 120 cm tall
Fruits orange

98 Melastomateae
Herb to 90 cm tall, Umbellate 1-4
purple Flowers Calyx
green with purple teeth
Corolla pink, lame yellow
If petals unequal seed
99 BEGONIAC
Herb to 60 cm, 6 petals, orange, red with pale margin. Flowers yellow.

100 Epiphytic, fleshy herb, to 50 cm. Flowers orange-white, tinged with purple.
Fl. leathery green, idem. 60?

101 MELANTOM Medinilla
Epiphyte 2 m tall. Flowers red, peduncle orange-red.

102 Cycdealma
Tree from (-3 m). Stems 60 cm. Flowers 3 m long, radius 2-3 cm.
Dna. brown. Scales 22 species.
Petals petiole 30 cm, longest petiole 75 cm.
103  **Zwageris Globba**  
Flower yellow with brown blotch on label. 
STEM: 70 cm tall.

104  **Annonace Glauca**  
Shrub/treelet to 5 m x 10 cm. 
Flower- creamy white. 
Inner perianth with creamy 
bases, 35 mm dia.

105  **Polygala**  
Tree: 5 m x 1.5 cm. 
Corolla white with yellow stipule 
in standard petal fragment.

106  **Gonocaryum**  
Shrub/treelet: 5 m x 5 cm dia. 
Fruit green with white 
rhombute endosperm.

NGS 1696  **Clusia Caracca**
26/11

S. Secirih mi farce camp
Allurad finan

1725

CLUSIAC: Callophylum
Tree 25 cm x 32 cm dia.
Back grey, tuberculate,
5 mm thick, with yellow sap.
4"back orange
fruits green, 30 mm dia.

NGS

1729

CONNARAC: Cnestis platantha
Clmber red/orange, pear-shaped fruit
15 m x 4 cm dia.

107

STERCULIAAC: Sterculia
Understory treelet: 6 m x 7 cm dia
Fruit: orange red 4 - 5 "long
Seed: dull black

1726

SAPTAC: Payena approximata
Tree 25 m x 30 cm dia.
Back reddish brown, rough
Tuberculate 15 mm thick, white sap.
1/4" back
Leaves with coppery sheen on underside.

Fruit green with rustic, brown tomentum, 15 mm dia.

Flowers reddish brown.

108 RHIZOPHORACEAE Carallia

Tree 30 cm x 40 cm.

Bark brown with soft spines 10 mm long, tuberculate with soft, corky, funnel-like, under-bark granular, orange.

Flowers green, stamens white, turnips brown.

Hillside above river

109 Euphorbia Calcaria

Treelet 10 cm x 7 cm, dbh.

Bark reddish brown, smooth.

Flower pale green, inflorescence pendulous.

1727 Euphorbia Aphrodisa

Tree 30 cm x 32 cm, dbh.

Bark reddish brown, 4 mm thick, fissured and crumbling under bark reddish brown, washing up. (cont.)
Fruit orange, yellow 15 mm, thin
red coat, pulpy, orange

110 DILLENIAC Dillenia
Treelet 8 cm x 8 cm, dip bark
brown, rough, underbark white
Flowers Cardia white, stems
brownish, pedicels white, rusty brown 

NGS 1734
St. LF
11 FR

SAPINDAC Nephelium specdutum
Tree 25 cm x 50 cm, dbh
bark 2 m
Bark reddish brown, tuberulate
15 mm thick, up dark red-brown.
Fruit green (immature)

1728
EUPHORB Aphonisso
Tree 15 cm x 15 cm, dbh
Bark red-brown, minutely
flaky coat. Fruit globose, orange
seed bright orange

Byron F. Oliva
1735

Ridge towards Bkt Semcim

THYMELAE

Tree 25m x 25cm dbh

Bark deeply fissured, grey

/ / / thick, shaggy, dark

Fruit green, 15mm dia.

1736

Bursarece Santria

Tree 20m x 16cm dbh

Bark grey - brown, rough, fissured

3mm thick, u/bk pale

Fruit pinkish - red, 8mm dia.

1737

CLUSIACE Masua ? conoida

Tree 30m x 32cm dbh

Bark yellowish - brown, coarsely

flaking

u/bk reddish with clear

yellow sap.

Fruit brown, 10mm dia.

1738

TILIACE Myrocos.

Tree 35m x 25cm dbh

Bark brown, rough, 10mm thick

u/bk orangy - red

Fruit green, 10mm dia.
<table>
<thead>
<tr>
<th>Year</th>
<th>Plant</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1939</td>
<td>Theaceae</td>
<td>Adenandra</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Tree: 15 cm x 15 cm dbh</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Bark: reddish-brown, rugose, interwoven, horizontal cracks</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Fruit: green, 20-25 mm dia</td>
</tr>
<tr>
<td>1854</td>
<td>Stelechocarpus</td>
<td>burahol</td>
</tr>
<tr>
<td></td>
<td>Photo</td>
<td>Caulifloran</td>
</tr>
<tr>
<td>1856</td>
<td>Zmigt</td>
<td>Red flowers</td>
</tr>
<tr>
<td></td>
<td>Photo</td>
<td></td>
</tr>
<tr>
<td>1946</td>
<td>Capandae</td>
<td>Evaporani</td>
</tr>
<tr>
<td></td>
<td>Photo</td>
<td></td>
</tr>
<tr>
<td>1949</td>
<td>LACINAC</td>
<td>Winter, J6</td>
</tr>
<tr>
<td></td>
<td>Photo</td>
<td></td>
</tr>
<tr>
<td>1952</td>
<td>ELEOCARPUS</td>
<td></td>
</tr>
</tbody>
</table>
1. Scorpion, Kabwe Park
2. Echidna, Kabwe Park
3. Cannanea, copperbelt 2.5 km (plant)
4. Cannanea, copperbelt 5 km (plant)
5. Cannanea, copperbelt 5 km (plant)
6. Cannanea, copperbelt 7 km (plant)
7. Cannanea, copperbelt 7 km (plant)
8. Victorica, punica (Poepp) Sowerby (Br. &) New Holm
9. Agathis, alba, Mee (Praec.) New Holm
10. Trichome mollis, var. (F. Harms) Gutierrez
11. Canadian, pseudodichotoma, var.
12. Hakea, (Burr) bot.
13. Red, (Burr) bot.
15. Linaria, velutina, (Lin.) Both (Plant) det. 1925
16. Anthera, (Burr) bot.
17. Vine, (Burr) bot.
18. Canna, (Burr) bot.
19. Zanica, morifolia
20. Pandanus, sp. (Pand.) 21 Jan, det. 1925
21. Sigiria, cordata (Harms) Both
22. Echidna, radicans, Fading (Harms)
23. Frent, (Burr) Norrer le (Plant)
24. Tropaeolum, (Burr) bot.
25. Elymus, (Burr) bot.
26. Onca, leuca, (Burr) (Plant) det. 1925
27. Zanica, morifolia
28. Pandanus, sp. (Pand.) 21 Jan, det. 1925
29. Sigiria, cordata (Harms) Both
30. Echidna, radicans, Fading (Harms)
31. Frent, (Burr) Norrer le (Plant)
32. Tropaeolum, (Burr) bot.
33. Elymus, (Burr) bot.
<table>
<thead>
<tr>
<th>Extension Tube (mm)</th>
<th>f</th>
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<tbody>
<tr>
<td>13</td>
<td>+\frac{1}{2}</td>
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<tr>
<td>21</td>
<td>+1</td>
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<tr>
<td>31</td>
<td>+\frac{1}{2}</td>
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<tr>
<td>31 + 13</td>
<td>+2</td>
</tr>
<tr>
<td>31 + 21</td>
<td>+\frac{3}{2}</td>
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<tr>
<td>31 + 21 + 13</td>
<td>+3</td>
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<table>
<thead>
<tr>
<th>Extension Tube</th>
<th>Field of View (cm)</th>
<th>Focal Distance (cm)</th>
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<td>5.5 x 8.5</td>
<td>9.0 x 13.0</td>
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<td>4.6 x 6.0</td>
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<tr>
<td>31 + 13</td>
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<td></td>
</tr>
<tr>
<td>31 + 21</td>
<td></td>
<td></td>
</tr>
<tr>
<td>31 + 21 + 13</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Zingiberaceae.

Stem: 2 m from base
1st if @ 90 cm
4 th basal
Petal: pinkish red
Labellum red c white throat

15/11 Adianthera, Myristicaceae

Photo: Pink nutted helmet

Culcophyllum

Tree: 2.3 m x 50 cm
Bark: thick (15 mm)
Gray, flaking off, orange
with yellow sap
Dilleniacese Tetraena
   red fruit, cannabiz labra

Hydnocarpus - rhizitony

Firm III Sesirih camp.

21/11 1  Insect

2) Termatina
3) Termatina
4) Pomaceae cannabizony
B/W Film O Snij Red 6th 13/10

1-7 Araucaria rupea
   New Caledonia

G. Gede / Cibodas 16/10

8-11 ♀ Podocarpus imbricatus
12-14. Juvenile ♀

Bocono Botanic Garden 20/10

15-16 Agathis dammara (Lamb) L.C. Rid
   var. oligosporangia
   V.F. 81
   Maluku : Ambon I. (1844)
   1½ m dia

17-19 Bank detail

Cibodas Botanic Garden 23/10

20-20 Podocarpus imbricatus
30 - 36 p. m/ciliates

6000 c² = 7,500 µ
583 Vaccinium, sp. (1)
Tul + Lf 2 pl. (1)
Small bush ± 0.6 m tall;
ø 15 m's flowers, tall red;
flame red. Very common
on open place.
4876 ; 4877 ; 4878

592 Hedyotis, sp.
Liana ± 1 m tall; ø 1 cm;
Stem ± rare
592

593 Hedyotis, sp. (2)
Root/tuber & Leaf + petiole
petiole and spathe
Greenish purple - purple
-habitat, ideal 594
4880 ; 4881

595 Homalomena, sp. (2)
Root/tuber & Leaf + petiole
petiole and spathe
Greenish purple - purple
-habitat, ideal 594
4882 ; 4883

7:10 1988
6:14
614

600 Viscum, sp.
Tul + Lf
Parasite on Euodia, sp
(± 2 m tall; ø ± 3 cm)
big leaf with berry
dale green. Rare
4884

601 Staurogyne, sp. (2)
Alongside
Herba + crown tall;
leaf velvety, white
Hill., flower purple
Leaf m - wide, 594
4884

4891 ; 4892 ; 4893

609 Blumea, balsamifera
Root & stem ± leaf:
Habit ± 2 m tall;
ø 1 cm; - tree (small)
Common on ladang area
open place.
4888 ; 4889 ; 4890

611 Calathea, sp.
LE + Lf 2, cr. 1 mm
Tree ± 3 m tall; ± 1 cm
LEAF / STEM; 4891
4894

612 Euphorbia, sp.
Tree ± 3 m tall
Canella white - For in;
and with gloss.
Primary forest. ± 1 mm
4894

616 Hyphophyllum, sp.
Herb ± 1.5 m tall,
± 1 cm;
Fluffy, flower purple
Common, 4894, open place.
4895 ; 4896

617 Blechnum, sp.
LE + Lf + petiole ± 1 cm
Hill ± 2.8 m
Young leaves ± curled.
Young leaves ± curled.
4892 ; 4898 ; 4899
2 IV 1988 Along Miri River Side.

553 Sandoricum
Stem bark & Lf 2 Fr 2 Fr.
Tree ± 15 m tall; Ø ± 30 cm;
Flower yellowish green.
Young fruit 1-2 cm; Common tree.

556 Milicia
Stem bark & Lf 2 Fr 2 Fr.
Small tree ± 15 m tall; Ø ± 30 cm;
Flower pale green; Common tree.

558 Jaidia
Root & Stem 2 Leaf 2 Fr.
Underbrush ± 1 m tall; Ø ± 1 cm;
Young fruit 1-2 cm; Common tree.

572 Ardisia
Small tree ± 10 m tall; Ø ± 15 cm;
Flower dark green with brown hairs; petal cream.

575 Hydrocotyle: Javanica
(Mixed) Root & Stem 2 Fr.
Scramble herb; leaves dark green.
Flower pale green; Common tree.

3 IV 1988 Along Miri River Side.

569 Nyctecoonalcea (2) Twelk
Underbrush ± 1.5 m tall; Ø ± 30 cm;
Leaves bright red; locally abundant.

578 Euphilar: Stem 2 Fr.
Compressed tuft ± 10 m tall; Ø ± 30 cm.
Flower pale green; growth on rocky soil.

4 IV 88

579 Nyrothias: Stem 2 Fr 2 Fr
Small tree ± 10 m tall; Ø ± 30 cm;
Flower bright red; fruit dark green.
4813 4861 4865 4867 4868

617 Lecomte / Pseudanacema: Millina
Blm ± 300 m. ± camp.
Small tree 8 m tall; Ø ± 1 cm.
Flower red; branches 8-10 Apr.
4871 4872 4873 4874 4875

Serrana: 24/3

C. Somone
Habit ± 30 cm; Rhiz. Nymph.
220 m LF ± 300 ft.
BASE CAMP 102° 32' E
0° 46' S

SESIRI H. 102° 31' E
0° 48' S

G. LANTJANG 102° 30' E
0° 51' S

92 m. = 05'
33 m. = 1.8
13 m. = 0.7
58 mm = 2.1
110° 26'E 0° 52'N

G. Bentuang area; 5 = 10 km
N. of Masa village;
150 km N.E. of Pamhanak,
W. Kalimantan Prov.

6/6
Alluvial terrace nr Semawang R
+ disturbed forest

EBENACEAE

2300 Diospyros diehoto144

Tree, 15m x 15cm dbh,
Bark: hard, black, long, cracks, front green

NL1 LF TB TW FR X

2309 MYRISTICACEAE

Myroxylon

Tree, 17m x 19cm dbh.
red waters

Bark: reddish, stringy
Fruit: 8-10 cm, dia., reddish-orange, 8 are orange,
L/F TW Fr TB X

2317 Tree 10 m x 10 cm
MELASTOMATACEAE
Phoranda
Bark ± smooth, reddish-brown
Flower: white
L/F TW SB X

7/6 Admiral flood plan of Semua River 1 cm N
of camp, All 100 m

2321 SAPINDACEAE

Umbellifer to 3 m tall x 3 cm dia.
Flowers: corymbose, white
Fruit: rosy, pinnate
L/F TW X
2324  MELIACEAE
Mentroxylon

Tree 8 m x 5 cm d.b.h.

Flowers pinkish with purple anther spurs.

Bark thin, papery, reddish brown.

SB TW LF X

2330 Arecaceae  Palmae
Arenga

Palm, stem 2 m tall

Fern 6 cm long, leaflets to 1 m long, underride
glabrous with brown indumentum
Infrutescence to 30 cm

Purplish color

Arene; leaflet

2332 Ruscaceae

Fleshy epiphytic over bank
Flowers white, enclosed in pr. of shiny indehiscent berries

**STEM**

**LF**

**RT**

X 10

**PHOTO**

ARACACEAE

Allorchaea

Euphorbiaceae

Baccarinæ

8/6 Alluvial terrace, beside

below Semawang riv. & Ngorisi riv.

**PHOTO**

EBERNACCAE

Dispermo

VITACACEAE

Pteris santhes

2335

MELIACEAE

Chicochiton

Tree 12m x

Bark ± smooth, grey, thin.
Leaf 80 cm long
Flower: calyx orange-yellow, corolla white.

TB, TW+ RACHIS, LEAFLET

2364 EBENACEAE

Diospyros burusfolia

PHOTO

Tree 20 m x 20 cm dbh
Bark: black, tuberculate, inner bl. reddish.
Fruit: green

TB, LF, TW, FR, X

2365 FLACOURTIACEAE

Ryptocarpa

Tree 18 m x 20 cm dbh
Bark: smooth, brown
Fruit: brownish

TB, LF, TW, X
2371  Monacenic
Ficus similata
Epiphyte (woody) to 3 m tall
Fruit pale green
TW, LF

2375  Lauracenic
Litsea ? oppositifolia
Tree 8 m x 10 cm dbh
Bark + smooth reddish
Flowers pale greenish
Young fruit dark green.
SB, TW, LF

PHOTO  Myrtaceae
Schefflera

PHOTO  Euphorbiaceae
Baccaurea (pink fr.)
PHOTO x 2
Lecce cire
Lecce cuminata

MELASTOMATACEAE
2383 Memecylon ? myssinoides

Pr10-70 Tree 8m x 6cm dbh
Bark + smooth, greyish
Flowers pinkish, with purple anthers and spot on petal
Fruit pale green

SB, TW, LF

9/6 Same loc. 150m

2393 Aroideae
Tree 6m, 6cm dbh
Bark reddish brown, + smooth
Flowers & fruit pale green

SB, TW, LF
2397  LAURELE
Eusideroxylon swainii
local name 'Ulisan'
Tree to 40m x 1½ m dbh
Bark reddish brown, smooth
STERILE (fruit 2397A)
(Flower 2675

2398  MYRSINAC
Ardisia ? macrophylla
Tree 12m x 15 cm dbh
Bark reddish brown, slightly
longitudinal cracking Twig crusty tomentum
Fruit dull orange
SB LF TW FR X
2396 * AANNOVARIUS

PHOTO Tree 10 mx 10 cm dbh
Bark blackish, slight resin
Inner bark yellowish.
flower yellow; fruit pale green, 
red; greenish at base of calyx & corolla.

TB TW LF ✓

PHOTO ZINGIBERACEAE - 2399.

PHOTO EUPHORBIACEAE 2401

PHOTO ASCLEPIAS - red upland

2414 MELIACEAE

Tree 12 mx 10 cm dbh
Bark reddish brown, with raised longitudinal tenticles.
<table>
<thead>
<tr>
<th></th>
<th>Flowers greenish, fragrant</th>
</tr>
</thead>
<tbody>
<tr>
<td>TB</td>
<td>TW</td>
</tr>
<tr>
<td>2420</td>
<td>Clusia × ×</td>
</tr>
<tr>
<td></td>
<td>Garcinia</td>
</tr>
<tr>
<td>Tree</td>
<td>25m x 20m</td>
</tr>
<tr>
<td>Bark</td>
<td>reddish brown, soft, smooth, inner bark red with white leathery</td>
</tr>
<tr>
<td>Fruit</td>
<td>green</td>
</tr>
<tr>
<td>TB</td>
<td>TW</td>
</tr>
<tr>
<td>PHOTO</td>
<td>Baccara (Euphorbiaceae)</td>
</tr>
<tr>
<td></td>
<td>cauline, fruit</td>
</tr>
<tr>
<td>PHOTO</td>
<td>Rubina</td>
</tr>
<tr>
<td></td>
<td>× 2426</td>
</tr>
<tr>
<td>PHOTO</td>
<td>Pracaxi</td>
</tr>
<tr>
<td></td>
<td>Rheophyta</td>
</tr>
<tr>
<td>2431</td>
<td>Actinidia</td>
</tr>
<tr>
<td></td>
<td>Series</td>
</tr>
<tr>
<td>Tree</td>
<td>8m x 1.5cm</td>
</tr>
</tbody>
</table>
Bark grey & smooth
Frutis green

TB TW LF X 22

10/6 Ridge system to W of camp

2454 LAURELACEAE
Litsea

Tree 20m x 20cm
Bark slightly rugose, reddish brown, inner bark orangy red
Flower greenish tinged brown
Young fruit green speckled with cream spots

TB TW LF X

2456 THYCARONE
Adinandra ? borneensis

Tree 20m x 25cm dbh
Bark reddish brown tuberculote
Inner bark reddish
Flower; calyx greenish with silvery indumentum, corolla white, stamens brownish

TB, TW, LF, FL

Medicinal Usage:

Young leaf (dried) + uncooked rice, roasted – ground to make coffee – drink with hot water – for diarrhea; with blood; from Babyang

[Film 3]

PHOTO. CRUCIFERAE.

2463 Didymocarpo – red flower

2467 MYRSINACE

Ardisia

Tree 12m x 15cm dbh

Bark light silverly/brown, finely cracked light – orange

Inner bark orange, soft

Fruit cherry red

TB, TW, LF
2475
?

Small tree, 6m x 7cm dbh
Fruit green, sticky white sep.
4- locular fruit
SB, TW, LF, X

2477
Polygalaceae
Sanctiphyllum

Tree, 20m x 30cm dbh
Bark: grey-brown, rough
Male: bark orange
Fruit: green with pale speckles
TB, TW, LF, FR, X

2478
Euphorbiace
?

Tree, 25m x 25cm dbh
Bark: brown, fibrous
Inner bark: orangy, colored
Fruit: bluish green
TB, TW, LF, FR 21
11/6  Same Loc (Tul.) 200
25 07  Polygonac / Xanthophyllac EAC
Xanthophyllhum

Tree 1.30 m x 30 cm dbh
Bark gray, inner bark yellow
Flower pinkish-white at base
with yellow markings inside
Fragrant

TB  TW  LF  X 3

12/6  Same Loc

2526  Lauraceae 
? Cryptocarya
Small tree 4.5 m x 8 cm dbh
Bark gray, young green

SB  TW  LF

2541  Lauraceae
Actinodaphne
2543 Lauraeaceae
photo Dehaasia
x 3

Tree 15m x 25cm dbh
Bark: light brown corky, corky, flaking
Flower: pale green, with bright yellow stamens,

TB; TW; LF

2544 RMB 10/95
? Tannanya (or? Randia)

Tree 30m x 40cm dbh
Bark: greyish, slightly

SB; TW; LF
I. XANTHOPHYLLAC
Xanthophyllum

Tree: 12 m x 10 cm dish
Bark: greybrown, ± smooth
Fruit: a gall!

M. MENTECYLOM
Mentecylon

Tree: 10 m x 15 cm
Bark: reddish brown, powdery
with fine longitudinal cracks
inner bark: reddish
Fruit: yellowish - green

TB: TW: LF (15)
13/6  Same line to 200m


Twinning climber to 15m on tree. Young fruits green.

[TW + LF] X

2567 Meliaceae

PHOTO

Tree 6m x 7cm dbh

Fruit calyce, turning red with orange mesocarp at maturity.

Bark light brown, tuberculate inner bark reddish.

SB; TW; LF X
2570 ANACARDIACE

Gluta

Tree 20 cm x 25 cm dia
Bark brown, rough, inner bark reddish with orange sap
Trunk buttressed to 80 cm
Flower greenish brown
TB TW HF X

2572 MYRISTICACE

Tree 25 x 30 cm dbh
Bark dark brown-black with longitudinal cracks
Inner bark orange with reddish-orange writer's sap
Flower buds greenish-yellow
TB TW HF X

2573 LOCARINACE

Strychnos
Climber to 30m × 5cm dia
Fruit dark green

TW; FR; LF X

2574 Olacaceae
Strombosia

Tree to 30m × 30 cm dbh
Bark reddish brown, at smooth
inner bark red
Fruit green

TB; TW; LF

2581 Thymelaeaceae
Gonystylus

Tree, 7m × 7cm dbh
Bark dark grey
Flower—yellowish brown, anthers yellow
Stigma pure yellow
Fruit pale brown

TB; TW; LF

(19)
14/6 Ridge NW of common
250 - 300m

2589 Chamaecine
Garoria * celebica
loc. name 'sicubadus'
Tree 2.5m x 28cm dbh
Bark dull, smooth, reddish brown
inner. bh pale yellow
Flower creamy white, fragrant

TB + TW, LF, FL X

2594

Chimbae c. 20m tall, x 5cm
sh. Fruit orange

TW, LF, FR X

2595

Local name 'Malagasy gunung'
Tree 30m x 25cm dh
Bark light brown, inner-bk, yellowish-brown, 8mm thick.
Flower creamy yellow.

Flat area near river bank upper Semarang 250m

TR ; TW ; LF ; FL ✓

2598 Laburnaceae

Delaasia

Shrub 4m tall x 4cm dbh
d/t. Flower reddish-brown
Young plant greenish brown

TW ; LF ✓ 13
15/6  Ridge W of Alpamine
280 m - 250 m

2627 Rosaceae
Parinari

Tree 30 cm x 55 cm dbh.
Bark grey, inner bark reddish brown
Fruit brownish - green

TB, TW, LF, PR X

2628 Lauraceae

Small tree 12 m x 12 cm dbh
Flower bud pale green

TB, TW, LF X

2630 Elaeocarpaceae
Elaeocarpus

Tree 20 m x 40 cm dbh
Bark light brown, inner cork
yellow Fruit green

16/6 Upper Semawang river Flat area, M.D.

2634 MYRTIE CREEK

Triodia ? whitmanii
local name 'Palawan''
Tree 40m x 60cm dbh
Bark silver, smooth, peeling
inner bark pale brown
Flower yellow, fruit brown
TB TW LF FR + FL x

2635 LAUERKEUCK

Lit sea
local name 'Medang'
Tree 12 m x 13 cm dbh.
Bark reddish brown; younger bark pale brown
Flower yellowish-green
Fruit pale green, turning red

TB; TW; LF X

2638 Rubia acet.

Climber 10 m tall x 3 cm dbh
Flower pale green
Fruit (immature) green

TW; LF X

2647 Climbing rubia / Hyperic.
Sonneratia casei
Caryophyllaceae

Tree 35 cm x 45 cm
Bark reddish-brown, smooth
Flower pink with yellow...
2649  EBENACE
Diospyros

Tree  20m x 35cm dbh
Bark blackish, inner brown
reddish - brown
Flower white
Slope  270m

TB  TW  LF  X
stamens. Fruit pale green.

TB; TW; LF

12 X

7/6 Flat area nr Semarang
R. c 100 - 150 m

2659 FLACOURTIA

Flacourthia

Tree 15m x 25cm dbh

Bark smooth, brown; inner bark yellowish. Twig with spines

Fruit bright red, pubescent

TB; TW; LF; FR X

2665 ANONACEAE

Tree 20m x 22 cm dbh

cord"
2675 Laurus

Euideroxygen swagori

Tree 30 m x 60 cm dbh
Bark smooth, reddish-brown; inner bl. reddish-brown
Flower pale green
Fruit green, turning black

Flat area 130 m

FL
Fruit: caudine, orange.
Bark smooth, yellowish-brown; inner bark yellow.

2668 ANACARDIACEAE

Local name: ‘unpak’
Tree 10m x 10 cm dbh
Bark grey-brown; inner-bark brown; sap reddish.

Fruit, caudine, (immature) green

[Insert]

19/16 Ngiri River - 120m
2679 Rosaceae

Parramari: oblongifolia
Local name: ‘Bantak’
Tree 35m x 40 cm dbh
Bark: greyish-brown, rough, smooth
- bark pale brown
- Fruit: greyish brown; seed eaten by birds etc.

TB 1, TW 1, LF 1, FR X
>250m Ridge area E of Ngirisi R.
2689 MYRISTICACEAE

Thema

Tree 40 m x 45 cm dbh
Bark dark brown with red spots
Fruit green with red oil

TB 1, TW 1, LF 1, FR X

2690 MYRISTICACEAE

Myristica

Tree 30 m tall x 45 cm dbh
Bark dark brown with reddish spots
Fruit red X
2705  Sapindaceae
   Guioa

   Tree 20 m x 2.5 cm dbh. Bark brown, slightly rough, 1/6 reddish
   Fruit bright green

   TB, TW, LF, FR X

2706  Meliaceae
   Aglaia (?) argentea

   Tree 40 m x 1 m dbh. Bark reddened to 1.5 m. Bark slightly rough, brown, 1/6 yellowish
   Fruit pale brown, succulent; underneath dark green

   TB, RACH, LEAFLET, FR X
2709  
**STAPHYLACEAE**

*Turpinia*

Tree 30m x 60cm dbh
Bark soft, fibrous, brown
1/2 orange
Young fruit purplish

**TB; TW; LF; FR X**

2713  
**ANNONACEAE**

*Phato Dermar.*

Climber to 30m tall x10cm
Flowers green, yellow
Fruit cluster to 10 cm
dha yellowish-green with purplish tinge

**TW; LF; FR; SB X**

2716  
**CONVOLVULACEAE**

*Rourea*

Climber 25m x 10 cm dia
Bank: dark brown, papery
# Fruit: orange, tawny, reddish

SB; TW; LF; FR X

2722 Apocynaceae

Voncayga grandiflora

Tree: 20m x 30cm d.b.h.
Bark: brown, tuberculate
Cortex: white, latex
Fruit: orange; mesocarp yellowish; endocarp bright red
Seeds: in pairs

SB; TW; LF; FR X
21/6  Gently sloping area
  E & upper Sennings R.
  moor

2731  Myrsineae
  Andriea

Tree  15m x 15m
Bark  grey-brown with
fine longitudinal cracks
inner-bk reddish
Flowers purplish
leaves green

TB; TW; LF; X

2732  Lauraceae

Tree  2.5m x 30cm dbh
Bark  light brown, rough
with fine reticulate cracks
inner-bk pale orange
Fruit (post-mature), woody
2738 EUPHORBIEACEAE

Photo:

Macaranga tri/lobata

In Tu RoK

Occasional in primary forest.

Tree 10 m x 12 cm d.b.h.

Bark reddish - brown

Fibrous - tuberculate with numerous

nodes; immerse - base; greenish

Fruit green, sticky

TB, Tw, LF, PR, X
2743  River bank on rock
PHOTO Geumaceris   White fl  11

22/6  N°. Upper Semawang
m of 200 m

2761  LAURACEAE

Dehaasia

Tree 8 m x 12 m dbh.
Bark brown, tuberculate;
inner bark reddish.
Flower pentalob - red with
yellow anthers
Tri 1 TW 4 LF

MARISTORACEAE

Flamea

Tree 20 m x 18 cm dbh.
2767  THYMCYLC.
Corynthyodes
1/4 'Turk'
Tree 25 cm x 30 cm, dbh
Bark, soft, reddish-brown, coarse
Habits: more-bark, canopy
Thicken only with green with
Syrup, stems
Flower pale yellow
Fruit green with dry husk

TB Tw LF

2769  ANNOMONACAR.

? Pseudouvarea

Tree 8 m x 10 cm, dbh.
Bark dark brown, rugose.
Fruit green.

TB Tw LF

350 m
2780  Burserac.

Daecyodes

Tree: 15m x 15m dbh.
Bark: light brown, flaking
bark-bh orange - red, white, latex
Fruit with glaucous bloom

TB  Tw  LF  X

2782  Memecylon

Memecylon

Tree: 20m x 25m dbh
Bark: reddish brown, with
fine longitud in cracks, more-
bark reddish.
Young fruit green

TB  Tw  LF  X
2791  CLUSIASCAR

? Mammea / Garcinia

Understory, treelet, 3m x 3cm
White latex, fruit green, carbohydrate.

TW, LF X

23/6 Upper Sengwuang, R
200m - Bajiao side

2802 MELASTOMATACE

Astronia

Tree 12m x 40cm dia.
Back pale brown, flaking
inner-bark - yellowish
Flower, coral - pink
Fruit (immature) green.

TB, TW, LF X
2809  ?  red fruit
PHOTO

2810  ?  Polycarpe / B195
PHOTO  white & purple flower

Steeple ridge above wire.

2820  Verisera

Calicutpa  ?  pentadactyl

Tree  8 m x 12 m wide
Bark  light brown, flaking
Flower  white
Fruit  red

TB: Tr: LF

2821  Nerveca

Nuruela  [location unknown]

Tree  25 m x 25 m dia.
Bark light - brown, shallow lenticels
fruits: inner - dark yellow
    fruit: brown
TB, TW, LF, FR, X

Xylopia

Tree 30 m x 40 cm
Pulp: bright red, 1.5 cm
Bark: reddish brown, 1 cm
shells: fissured, inn/orange
Flower: yellow
Fruit: seedy, wax, red

TB, TW, LF

X

24/6

Ridge near W of camp

Alt 250m
2840  MYRISTICACE

Knema

Tree 15 m x 15 cm dbh
Bark: light-brown, flaking
inner bark: orange with red weather sore
Fruit: green (lima) with red oil

TB  TW  LF  X

2842  Polyalthea hypoleuca

Tree 20 m x 20 cm dbh
Bark: pale brown, flaking
inner bark: whitish
Fruit: green
Under-side of leaf glaucous

TB  TW  LF  X
<table>
<thead>
<tr>
<th>#</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>2847</td>
<td><em>Melianthus</em></td>
</tr>
<tr>
<td></td>
<td>White flower</td>
</tr>
<tr>
<td></td>
<td><img src="image1.jpg" alt="Image" /> x 2</td>
</tr>
<tr>
<td>2849</td>
<td>? <em>Euphorbia</em></td>
</tr>
<tr>
<td></td>
<td>Orange fruit</td>
</tr>
<tr>
<td></td>
<td><img src="image2.jpg" alt="Image" /> x 2</td>
</tr>
</tbody>
</table>

**Larengkap**

<table>
<thead>
<tr>
<th>#</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>2854</td>
<td><em>Litsea grandiceps</em></td>
</tr>
</tbody>
</table>

Tree: 20m x 40m d.b.h.
- Bark: reddish-brown fissured
  - Inner: light orange
- Flowers: (bud) green with reddish-brown odementum
- TB: (LE + T11 = COL) x

<table>
<thead>
<tr>
<th>#</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>2853</td>
<td><em>Ruscus</em></td>
</tr>
</tbody>
</table>

Climber: 25m x 25m
- Dhi: Flower | For green
- T.W.: LF: FR |
Apocynaceae

Vouacanga

Tree 10m x 15cm dbh
Bark light brown, soft powdery, inner bark exfoliated
with orange. Twig with white, latex. Flawa
white. Fruit green

TB, TW, LF, FR

2850 Meviac
Photo Aglais
x2 golden - brown flowers

27/6 Camp 2

Ridge N of camp

W Ham & G Bentworth
3005  Puncur  1280 ft
Randia
400 m

Tree 20 cm x 20 cm dbh.
Bark brown, fine vertical cracks; inner bark orangy.
Fruit green.

TB TW LF FR √

3007  Euphorbiaceae
Photo 3 Pimelodendron
x2

Tree 25 cm x 1 m dbh.
Butterscotch and fluted to
2 - 4 m. Bark greyish
coarsely, flaking
Fruit glaucous green.

TB TW LF FR. √

3008  Myristicaceae  1500 ft
Myristica
500 m

Tree 30 cm x 1 m dbh
reddish brown

Back: soft earthy, cottony

Flaming: mid-brown, red with

red, bitter sage

Fruit: orange, yellow with

yellow oil

SB TW LF FR X

30/3

AQUIFOLIUM

Sageraea × lanceolata

Tree: 10m x 10cm thick

Bark: dark brown, tubercle

Flower: carmine, greenish

SB TW LF X

3017

URTICA EREICA

Shrub / treelet: 5m x 10cm

Flowers: creamy white

on stream bank

SB TW LF
28/6
Ridge above camp II

3038
There are
Adiantum Pterosanthes

Tree 35m x 30cm dbh
Bark reddish brown, prunose, with transverse pale lenticels;
infer bark, orangy red
Fruit: calyx campanulate, green, with a brown tomentum

TB  TW  LF  FR  X

3029
Euonymus
Dryopteris

Tree 30m x 25cm dbh
Bark pale brown, slightly furrowed; inner bark brown.
Fruit glaucous green

TB, TW, LF, FR  X
Western summit ridge of Mt. Bentuang. Many faces.

3070 Afrocarpus falcata 4400'
Agathis ? borneensis

Young Tree 8 (-30)m
(8cm). Bark dark brown.
Sterile voucher microwave reddish.

TB TW LF X

Podocarpus/Araucaria spp. 4300
3077 / Dacrydium

Tree 20m x 20cm.
Bark reddish, platy rings.
inner: bh pale reddish, dark blood: red: sap
Sterile voucher

TB TW LF X
30 86 PHYLOCLADACEAE
Phylocadus heterophyllum.

Tree 2.5 m x 20 cm dbh
Bark dark reddish brown
deeply fissured, inner redder
Male cone yellow!
T13 TW L= X O

1/7 Ridge on SE side of
Bentumang (near sandstone
cave) MOF

3/50 BARRINGTONIAE / LETHIDIC
Barngtonia
1/2 = 'Tetekot'

Tree 2.5 m x 25 cm dbh
Bark dark brown +
flaking, inner bark pale
Orange / yellow
Fruit pale yellow turning (11)

TB + TW LF Fe
3175 Euphrosyne

Elatriospermum tapos

Tree 30 m x 40 cm dbh
Bark light reddish brown, ringed
inner - bh reddish with white latex

2/4 sterile voucher spec

TB TW LF X 3

4/7 Rock - cove, 6m, G. Century Ridge to E

3164 Lauraceae

Bielsmienia

Understory tree 6m x 8 cm dbh
Bark brown, slightly flaking
inner bh reddish-brown
Features: small petioled fruit.

SB TW LF X
3170  Verbenaeeae  2000'
PHOTO Clivodendron
x 2

Tree 13m x 18cm dbh
Bark + smooth, reddish-brown, inner blk, orangy-yellow. Flower tube pale green
calyx pink
TB TW LF

3196 Proteaeae
PHOTO Helicia ? robusta

Tree / large shrub 7m x
10 cm dia.
Flower creamy white
TB TW LF.
1. Plant part (leaf, root, bark, etc.)
2. How it is prepared ( decoction, paste,)
3. How it is administered (drunk, rubbed on,)
4. Medical condition it is used to treat.
5. Voucher specimen number.
Vernacular name: Kubit bating ban.
Name: *Huperphyllium*
Family: Rubiaceae

Location: Forest Encigub
Plant height 9 - 10 m. The plants grow in the primary forest, on the humus brownish clay soil. The bark of the plant is used as medicinal for treating catch cold (Cough).

The bark of the plant is ground and the bark powder is moistened by water. The moistened powder was rubbed surrounding the surface of the stomach. The powder decoction in boiled water is drunk.

Vernacular name: Daun teh.
Name: *Phyllocladus heterophylla*
Family: Podocarpaceae

Location: Gunung Bentuang.
The leaves of the plant were used for treating stomachache such as diarrhoea.

The leaves are dipped in the hot water and it is boiled for few minutes. The boiled water is drank. The leaves is also used by the dayak people as a substitute of tea.
GP 4
Rubrite
Urophyllum
8° (Palm) (S) Johanis P. Moge
8° (Gum) (S) Elizabeth A. Wijaya
8° (Araceae) (S) Nanda Utami
8° (Legume) (S) Harry Wiridinata

Afrastiti
Ismail

8° (PhD) Zainal Fanani
S. Warchi

8° Drs. Siti Sunarti

8° (Ph.D.) Hedi Darmaedi (Fina)

8° Hermanono Soedjito (Ph.D. NAI)

Ir. Drs. Drs
Semibawang.
G. Bentuang.
Rant.
Rengish
→ Masa = Hampar

Boyle & Ardill
Nat. Engishl. Press £3.50