

PRESENT

narrow line

N670 100

× 50 Sheets

maruman

1

SERAM

N-1/DE-
000

spiral note



4 979093 000920

MADE IN JAPAN

30 November

1990

Alt. 500 ft.

Bedrock grey shale c. quartzite -
soil - red clay.

Wae Ruwata

Myristicaceae / Fagaceae
Myrtaceae / Dipterocarpaceae
Shorea [2 sp]



X

4300

③

Meliaceae

Chisocheton

Tree 25m x 30cm dia.

Bark reddish, flaking.

inbk. fibrous reddish - 6mm thick

Leaflets 50-80 cm

Young fr. green c. silver
indumentum.

TB, LF, TW



4301

x

(4)

Anacardiaceae

Buchanania

Tree 30 m x 30 cm dbh

Bark light grey: clear.

inner bk orange. c. sticky, sap

Fruit green.

TB, LF, TW, FR

4302 X

(3)

Alangiaceae

Alangium? japonicum.

Tree 40m x 45cm dbh.

Bark grey - brown,
inner bk yellowish

Flower creamy white
fragrant. . young fr. green

TB, Tw, LF

PHOTO

4303 ✓

(3)

ERYTHRONYLACTATE

Tree 35m x 30cm dbh

Bark reddish brown - flaking
inner bk. orangy red.

Fruit green ~ turning orangy

TBK, TW, LF



430#5⁺

(3)

~~Staphyleaceae~~ Subiaceae

Meliosma.

Tree 35 m x ⁴⁰~~35~~ cm dbh

Bark grey, ± smooth
inner bk orangy red.

Fruit green

→ TB, LF, TW



4306 X

Myrticaceae

Horsfieldia

Tree 25m x 20cm dbh

Bark reddish brown, flaking
inner bark orangy red c.
red sap.

Fruit bright orange c.
red sap.

Flower orange.

TB, TW, LF, FR.

1/12/70

550'

4307
Lnetaceae X

(3)

Cnetum

Climber to ⁵~~10~~ m dia
x 40 m

Fruits reddish brown.

LF, ST, FR

4309

X

③

~~Rhizophoraceae~~

~~Carollia~~

Tree. 15 m x 20 cm dbh

Bark gray, rugose

i/b orangy yellow

Flower white.

Fruit green

TW, LF., SB.

X

4311

(3)

Proteaceae

Heliconia

Tree 25 m x 25 cm dbh

Bark grey c. transverse
shallow grooves, in/bk.
streaked c. red.

Flower creamy white

TB , TW , LF ,

PHOTO

4312 ✓

(2)

Caesalpiniaceae

Phanera

Climber	20m x	5cm. dia
Flower	greenish	white.

STEM

LF

PHOTO

7

4313

X

(3)

Anacardiaceae

~~Spondias~~

Tree 25 x 30cm dia

Bark slightly rugose, brown
i/b . dark red.

Flower white .

TB

TW

LF

4



4314

X

(3)

Saxifragaceae

Polysma integrifolia

Tree 15 m x 15 cm

Bark brown, shallow, longit.
cracks: i/b yellowish

Flower white, fragrant

Y. fruits green

SD, TW, LF

PHOTO



4315 ✓

(3)

Rubraceae

Timonius

Treelet Frs 10 cm dbh

Bark gray-bram, prudes,
i/b pale, yellowish.

Fruit green.

SB, TW, LF

4316

X

③

Rosaceae

Prunus

Tree 20 m x 15 cm.

Bark reddish-brown, 1/6
red. - slightly grooved.

Aromatic.

Flower white.

TB

TW

LF

43

2/11/90

(3)

4318 x

Borseraceae

Canarium

Tree 35 m x 40 cm dbh

Bark light reddish-brown,
tuberculate, aromatic.

Fruits green c. glaucous
blossom.

TB, TW, 4F

(nb)

= 4380



4319

(4)

Lauraceae X

Cryptocarya.

Tree 25m x 25cm dbh.
Bark brown c. reticulate
cracks; i/b. orangy-brown

Young twigs rusty tomentum.

Fruit pale green c. silvery
tomentum.

TB

TW

LF

FR.

4320 X

(3)

Myristicaceae

~~Myristica~~

Tree 18m x 20cm dbh

Bark reddish brown, coarsely
flaking: inner/bk red c-
red watery sap.

Flowers bright yellow

TB

TW

LF

PHOTO

4321 X

(3)

~~Elaeocarpaceae~~ ✓

~~Elaeocarpus~~

Tree 15m x 10 cm dbh

Bark. greyish, roughly
cracking and scaly.

1/6 yellowish

Senscent leaves bright red

Fruit blackish at maturity
splitting by 8 valves, seeds
yellowish

TB , TW , LF

4322

X

(3)

Lauraceae

Litsea

Tree 15m x 11 cm dbh

Bark reddish brown, slightly

rugose

l/bk orangy

Flower bright yellow

TR, TW, LF

PHOTO

4324 +

(3)

Rutaceae

Euodia.

Tree 25 m x 30 cm dia

Bark silver/grey
slightly cracked and
lenticulate. i/b. yellowish.

Flower purple.

TB

TW

LF

PHOTO

4325 ✓

3

Melastomataceae

Dissochaeta

Clamber to 30m x 3cm

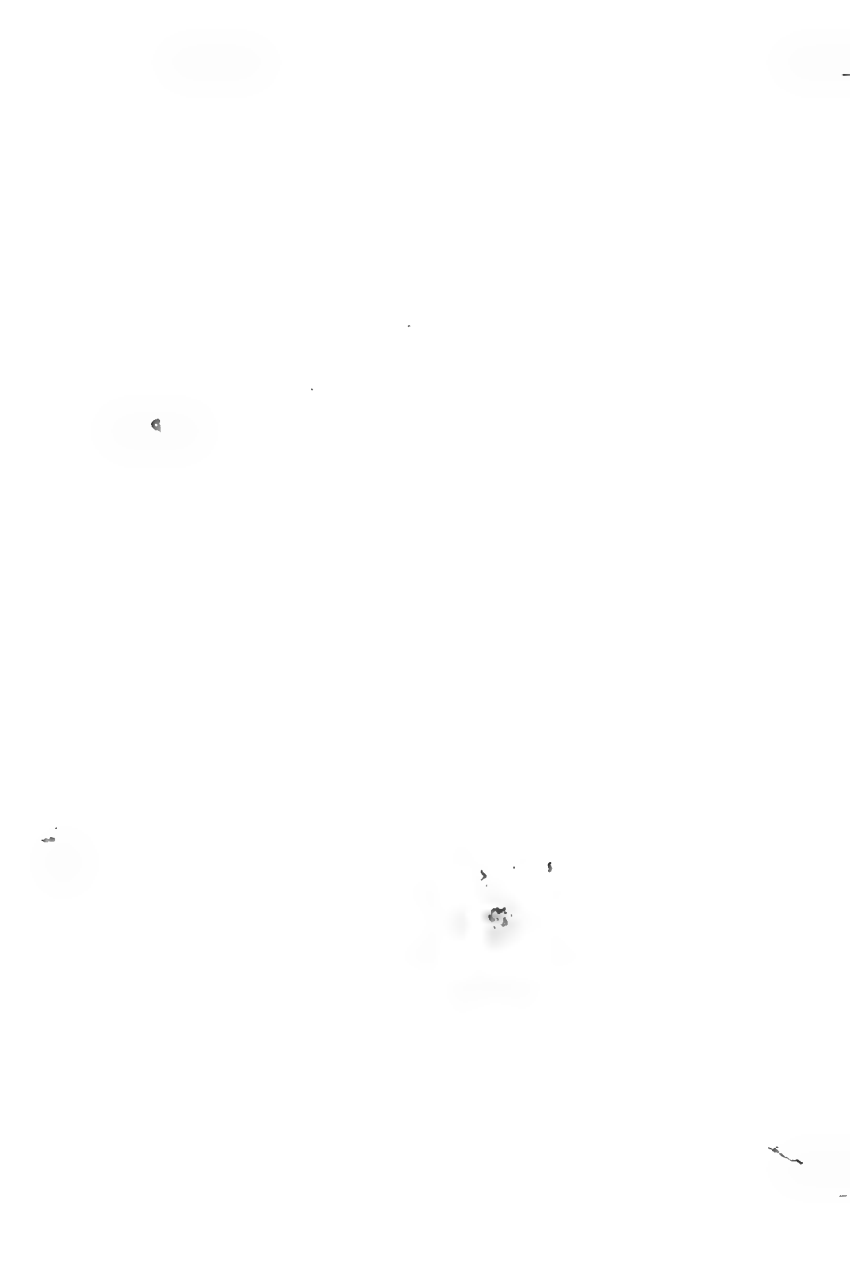
Flower violet.

LF

TW

ST

PHOTO



4326 X

(2)

Apiaceae

Alyxia

Climber to 20m x
white sticky sap

Flowers greenish-white.

LF, STEM.

67

3/12/90

(2)

900' Hill N. of camp

4328

Rubiaceae

X

Psychotria.

Climber to 20m x 2cm dia

Flower greenish - white.

LF, TW + STEM.

4329

X

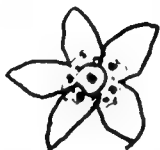
(3)

Tree 45 m x 70 cm dbh

Bark dark brown, l. cracked
i/b. dark red.

Fruit \pm spherical. 1 cm dia
brownish, scaly.

Flower 3 cm dia P 5
Whitish



TB, TW, LF

4330 ✓

(4)

Myristicaceae

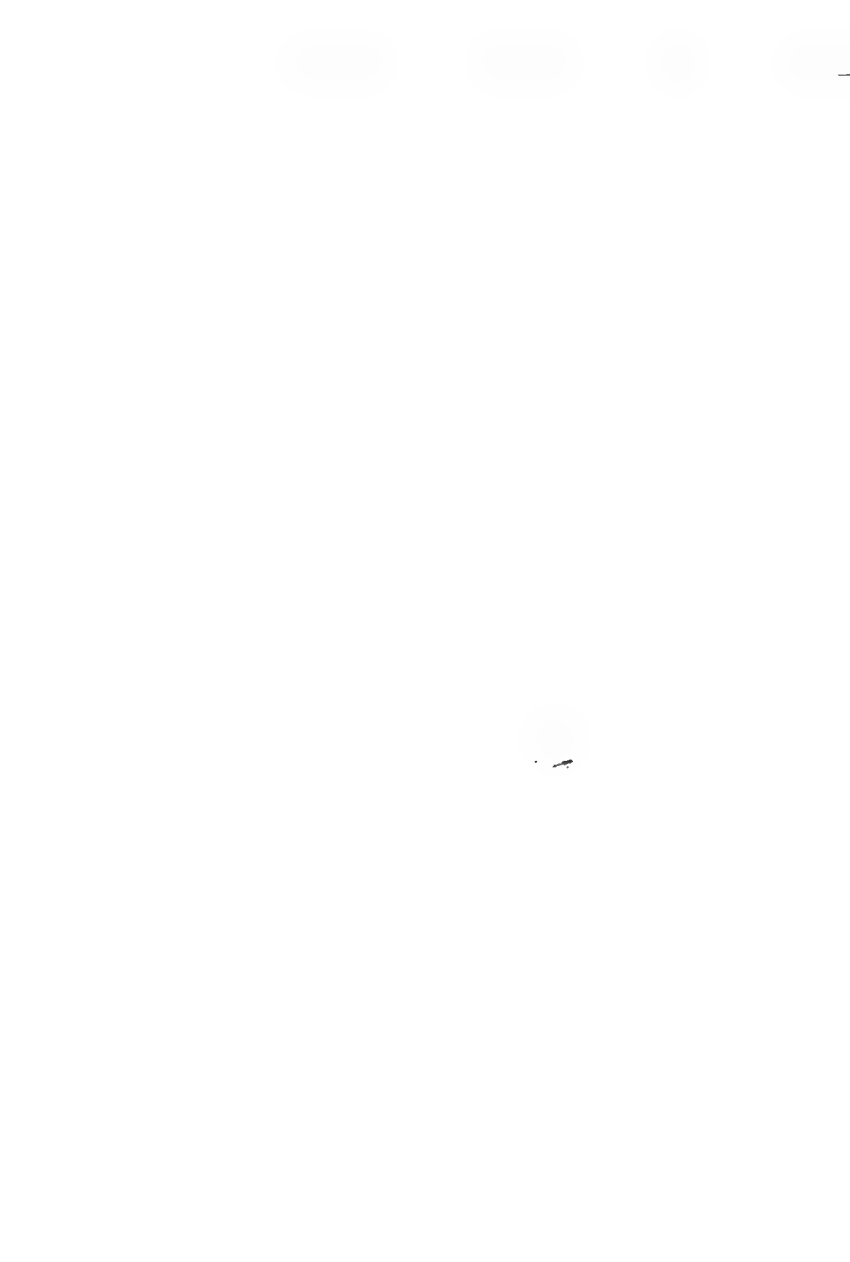
Myristica

Tree 20 m x 20 cm dbh

Bark grey, deeply grooved
l. / fissured.
i/b. orangy-red c. red
watery sap.

Flower yellow waxy.
Fruit greenish yellow, orange
- reddish ml.

TB, TW, LF, FR



4331 X

(2)

~~Anacardiaceae~~

~~Araliaceae~~ (Myrsinaceae)

capitato



Understorey treelet 8m x

10 cm dbh

Bark reddish brown, flaking L

Lvs. 130 cm long.

X m/bk orangy.-red.

Fruits orangy - brown

LF ,

, SB

PHOTO



X Ochnaceae

(3)

4332

Neckia

Beside Wae Misa 400'

Understory tree: 8m x 10cm

Bark brown. ± smooth,

l/b. yellowish

Flower petals salmon pink
anthers brick red.

Fruit green.

SB, TW, LF.

PHOTO

81



4/12/90

Wre Ruvata
upstream f. camp
50'

4334 ✓

(3)

Euphorbiaceae

*

Celastraceae



Treelet 4 m x 7 cm dia.

Bark brown, fissured,
i/b. whitish.

Flower yellow *

SB, TW, LF.



4335

X

(3)

Loganiaceae
Fagraea.

Tree 20 m x 18 cm dbh

Bark reddish brown, tuberculate
i/b fibrous orange-yellow.

Flower white.

TB , LF , TW

4336

X

(3)

Araliaceae

Schefflera

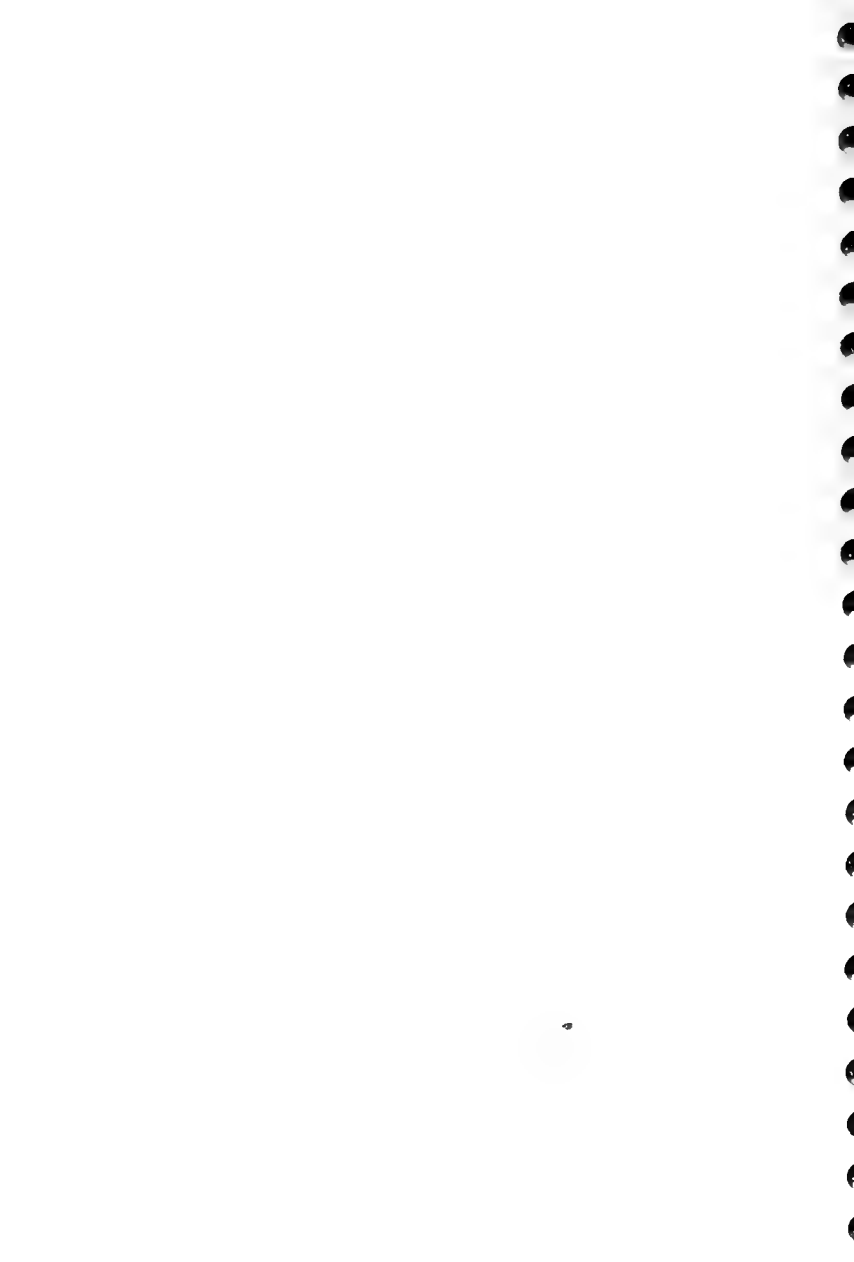
Large woody epiphyte; stems
to 6 m long x 5 cm dia.

Petioles to 80 cm

Inflrescence 40 cm, yellowish.

Leaflets, Petioles, SB.

PHOTO



4337 X

(3)

Euphorbiaceae

Baccauria.

Treelet 10 m x 10cm dbh.

Bark reddish brown, rugose
if red.

Fruit orangy - brown ^{old} wood.
Flower buds - ~~cauliflorous~~.
in axils of old leaf scars.

SB , TW , LF



4338

X

(3)

Apocynaceae

Tree · 25 m × 25 cm dbh

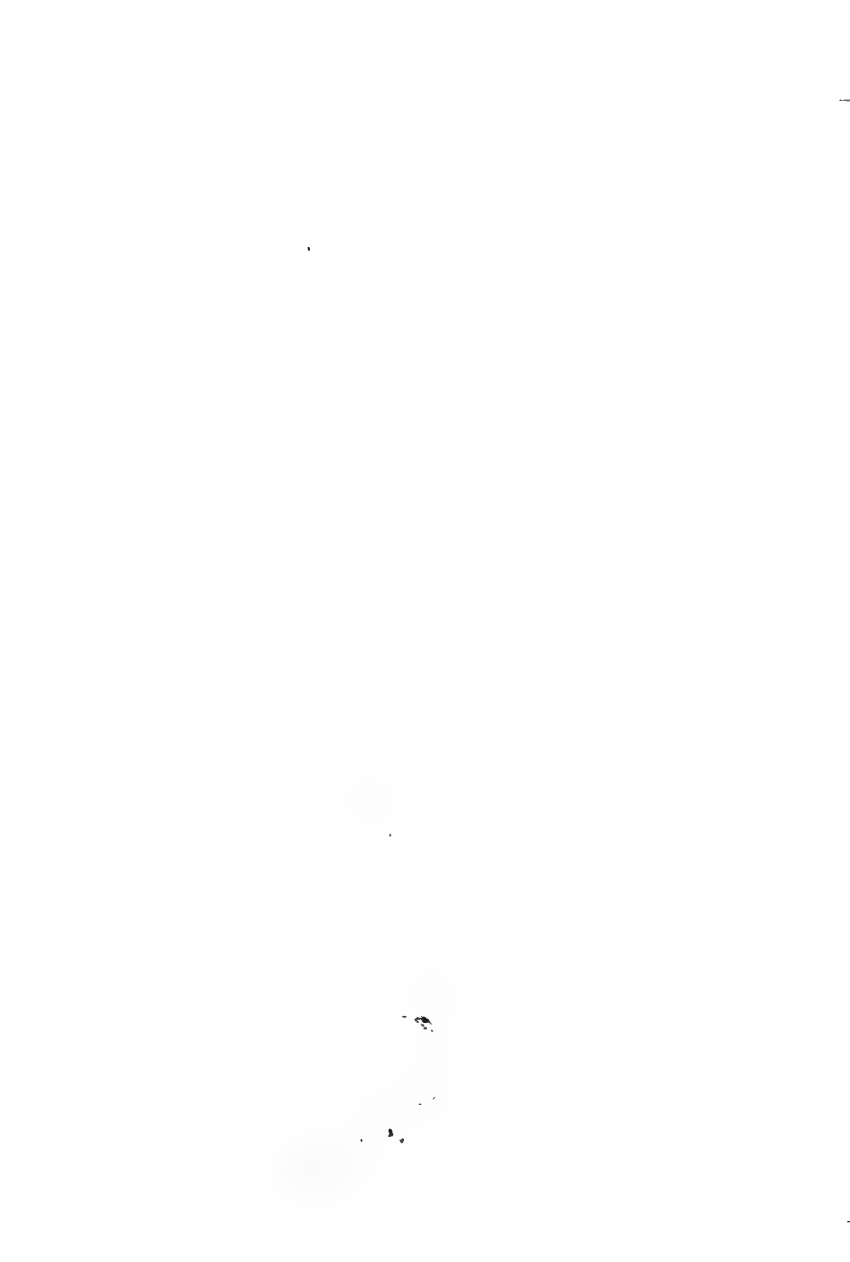
Bark brown, rugose

l/b. yellowish.

c. copious white latex.

Flower white, fragrant.

TB, TW, LF



4339

③

~~Sterculiaceae~~

~~Helicteres ?~~

Tree 15 m x 30 cm dbh

Bark . silver-green , smooth
i/b yellowish .

Fruit yellowish green .

TB , TW , LF



4340 X

③

Rubraieae

Timonius

Shrubby tree 6 m x 15 cm
, branching near base.

Bark brown, tuberculate,
i/b spongy

Flower greenish.

TB , TW , LF



4341 X

(4)

Amoraceae

? Polyalthia. ?

Small tree 10m x 15cm.

Bark dark brown, rugose
i/b orangy.

Flower yellow

Fruit orange/red.

TB TW LF FR

PHOTO



4342 ✓

(3)

Rubiaceae

Guatardia

Treelet 5 m x 7cm dbh.

Bark, brown, rugose.

l/b. yellowish

Flower yellow

Young fruit pale green.

TB , Tw , LF

109

5/12/90

Ridge above camp. 600'

4343



(3)

~~Euphorbiaceae~~

~~Glochidion~~

Understorey treelet 8m x 8cm

Bank greenish-grey, tuberculate

Flower buds green

1/b. orangy.

SB

TW

LF.

— River — downstream camp. (2)
500' → 4344 X

Dilleniaceae

Tetracera ussatica / Indica

Climber to 5 m. x 3 cm

Flower buds pale green

TW LF

4345 X

Piperaceae

Piper (2)

Climber to 5 m, stem 2 cm

Infl. brownish.

STEM, LF.

—
—
—

—

4346 X

(4)

Rubiaceae

Nauclera

Tree to 15 m x 15 cm dbh

Bark reddish-brown, - slightly
grooved.

l/b. yellow

Flower greenish-white.

TB, LF, TW, FL

PHOTO

4347

(3)

Apocynaceae }
(~~Tarbutan~~ ^{ernae} ~~montana~~) } Wae
Inoi.

Tree 20 m x 25 cm dbh

Bark. silver-grey, warty.
i/b. orange.

White latex.

Flower tube - pinkish;
Lbr white.

TB , TW , LF

PHOTO

4348 X

(4)

Myristicaceae

Myristica

Understory tree 8m x 15cm

Bark. dark brown, rugose
1/b orange-red c. red
watery s/g

Fruit orange, aril ^{sealing} -
wax red, seed brown.

TB, TW, LF, FR

PHOTO

4349

X

(3)

Myrtaceae
(Syzgyium)

Tree 25m x 30cm dbh

Bark. rusty-red, soft
in flaky
i/b. dull orange.

Flower greenish } rhom. flor.
Fruit red. } umbelliferous

TB, TW, LF,

PHOTO

4350 X

(4)

Meliaceae

Chicocheton .

Tree 30m x 55cm dbh

Bark brown, rugose, cracked.
1/6 dark red.

Flower bud, green.

TB , TW , LF , WF

134



6/12/90

Woc Ruwata nr. camp

4352 X

(4)

Ebenaceae

Diospyros

Tree 45 m x 40 cm dbh

Bark black, roughly flaking.

l/b. pinkish-red.

Fruit green (imm.)

TB, TW, LF, FR.

4353 ✓

③

Urticaceae / Moraceae

Pithecolobium

Climber to 25m x 3cm

Flowers: green and purplish red.

SB , TW LF.

(down river)

4354 X

(3)

Euphorbiaceae

Mallotus

Shrub 5m x 8cm dia
Bark speckled brown, slightly
irregular, 1/6 yellow

Flower yellowish - green

SB, TW, LF.

4355 ✓

Voucher only
PCA

Rubiaceae

Paederia foetida

Shrub slender v.

white flower, purple throat
foetid smell.

Local daun conto-conto

Med. pl. hot water
infusion - drunk.

Sore throat & fever.

PHOTO

4356 X

(3)

Amoraceae

Melodorum ~~fulgens~~ ?

Climber to 20m x 4cm

Flower buds c. orange
brown tomentum

SB , TW , LF

4357

X

(4)

Rhamnaceae

Tree 20m x 30cm dbh

Bark brown, l. fissured

l/b. orange, smell of wintergreen

Fruit (imm) green

TB, TW, LF, FR

4358

X

(3)

Symlocaceae

Symlocos

Tree 10 m x 15 cm dbh.

Bark brown, slightly rugose
1/6 yellowish.

Flower buds green
Fruit black.

TB, TW, LF.

[154]

 GUNUNG AGUNG

[154] contd

(3)

4359 X

Loganiaceae /

Rapaceae

Shrubby / ^{Tree} to 5m x 10cm dia

Flower dull orange

SB

LF

TW



4360 X

(2)

Myrsinaceae

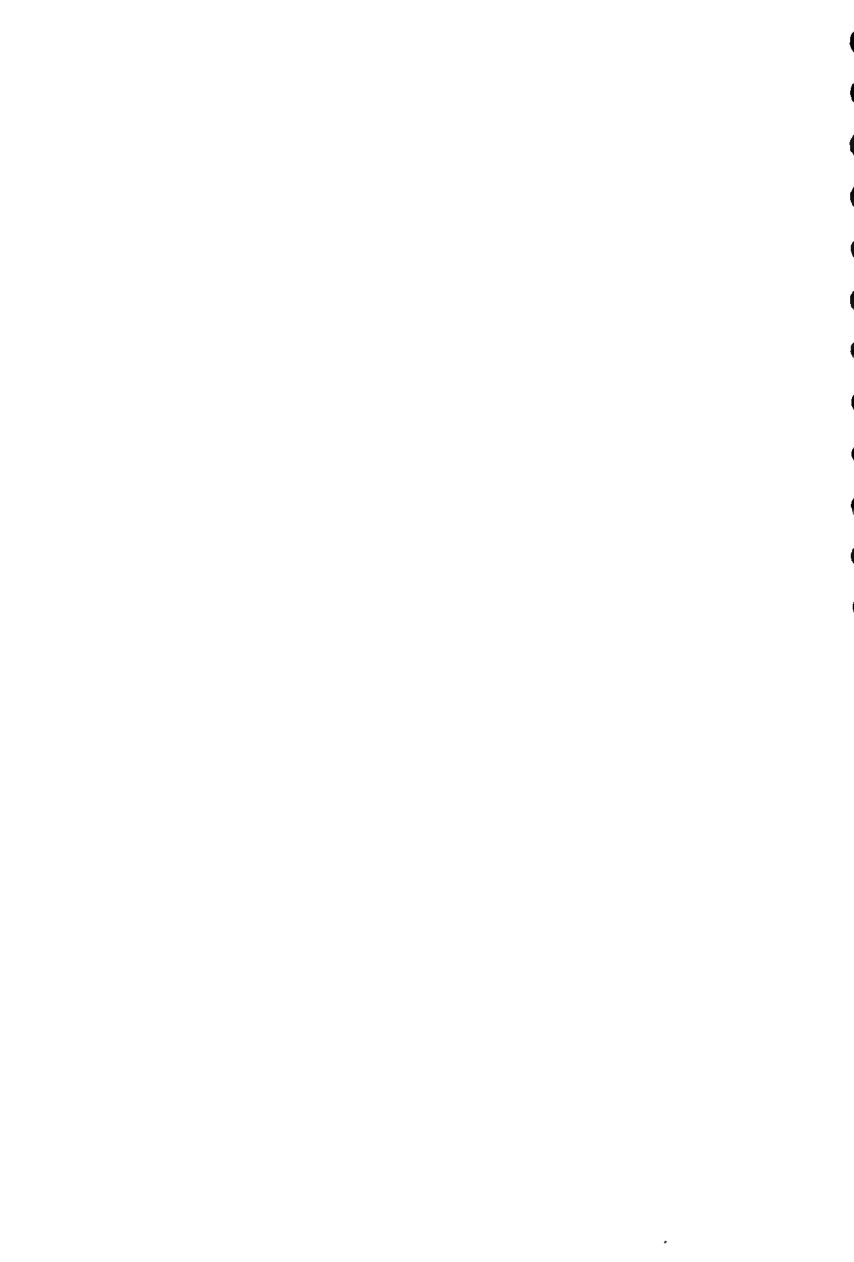
Rapanea

Shrub to 5 m x 5 cm dia

Fruits purplish - blue.

TW , LF

159



7/12/90

Above camp.

4361 X

(4)

Anacardiaceae

Tree 40 m x 50 cm dbh

Bark brown with reticulate
cracks, 1/b - orangy-red.

Clear sticky sap

Fruit green. w. brown tubercles

TB, TW, LF, FR.



4362 X up River

? Curoniaceae



Tree 15m x 15cm dbh

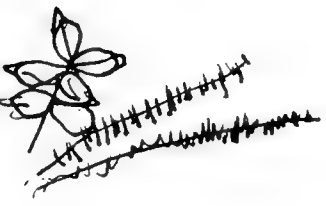
Bark brown, slightly
ingose / lenticulate
yb. pale orange.

Flower white

TR

TW

LF



PHOTO

4363

X

(4)

Rubiaceae

Anthocephalus macrophyllus

Tree to 45 m x 60 cm db

Bark brown, deeply
fissured & scaly.

l/b reddish

Fruits reddish-brown.

TB

TW

LF

FR

PHOTO



4364 ✓

④

Apocynaceae
Alyxia

Climber 20m x 5cm dia

Copious white latex
Fruit orange turning
black

SB

TW

LF

FR

PHOTO

Rhinophoraceae
Duabanga

} PHOTO

174



8/12/90

Down river, camp

4365 ✓

(3)

Comoraceae

Glimber 20m x 3cm dia

Flower white, fragrant.

TW, LF, SB

PHOTO

4366

X

(3)

Annonaceae

(? *Mitroephorra*)

Treelet 5 m x 8 cm dbh

Bark dark brown, rugose
i/b whitish

Fruit red.

TB

, TW

, LF

4367 X

③

Gnetaceae

Gnetum ? cuspidatum

Climber to 20m x 3cm

Fruit green

TW , LF , SB.

4368

X

(4)

Araliaceae

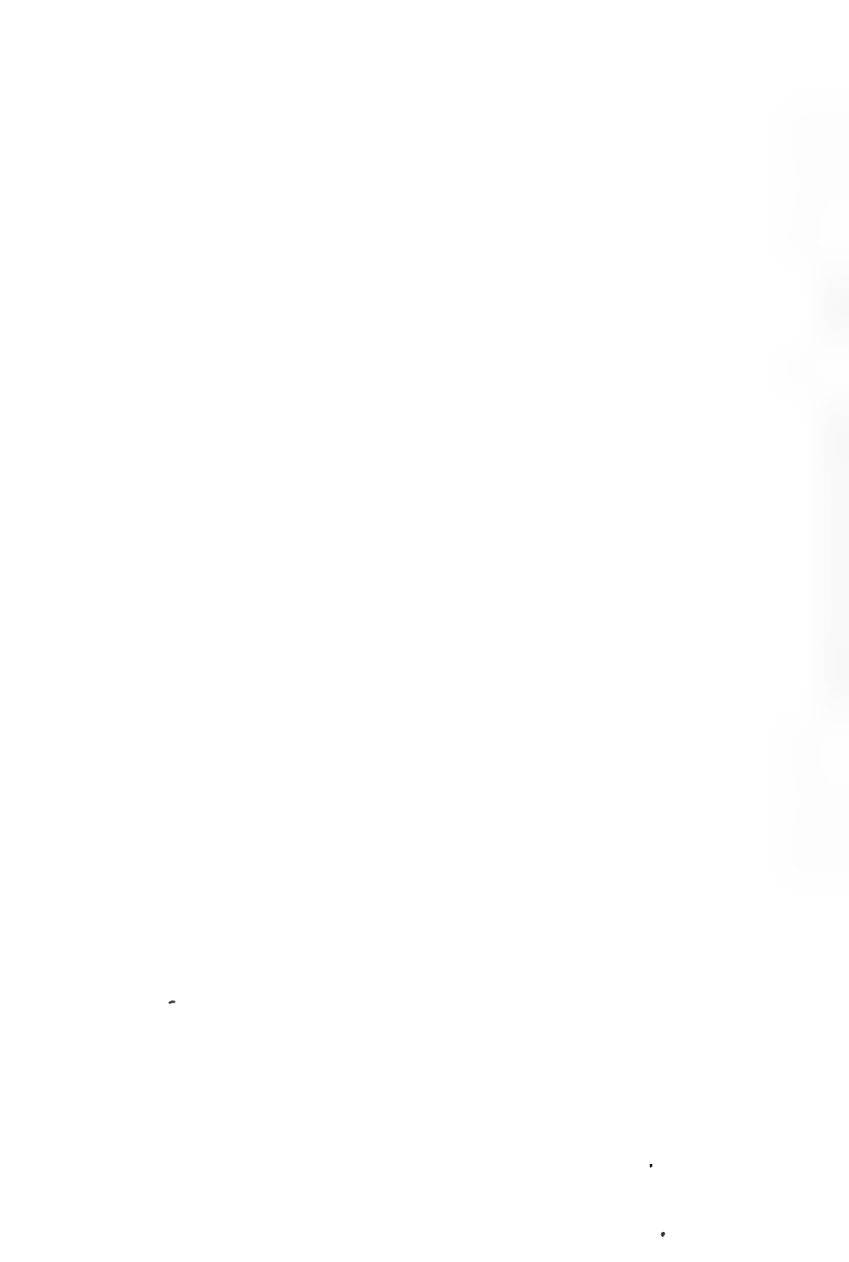
Arthrophyllum

Tree 20m x 25cm dbh
leaves to 2m, inflo - 1m.
Bark greyish-brown c.
broad, shallow fissures
l/b. orangy-white.

Flower green.

TB, TW, LF, INF.

(photo)



4369 ↑

(3)

Myrtaceae

Rhodamnia ? cinerea

Understorey tree 6m x 12cm dbh

Bark reddish brown stringy
c. peeling; i/b cherry red
c. sticky sap
Fruit pale green.

TB , TW , LF

4370

X

(4)

Sapindaceae

~~Elastostichys~~ ?

Tree 15 m x 25 cm dia

Bark brown, rugose / tubercul.
-ale . 1/6. orangey.

Fruit bright orange
seed shiny black.

TB

LF

TW

FR.

194



2/12/90

W. side of ... between ... 800'

4373

X

(3)

Rubiacae

Tricalysia ?

Tree 10 m x 10 cm dbh

Bark grey, rugose/tuberculate
i/b yell. with:

Flower orangy yellow
fruit (imm) green

TB, TW, LF

4374

X Tributary of Misa
500'

Urticaceae

(2)

Laportea stimulans

Weedy herbs to 1.5 m,
beside river.

Stem & leaves with
irritant stinging hairs

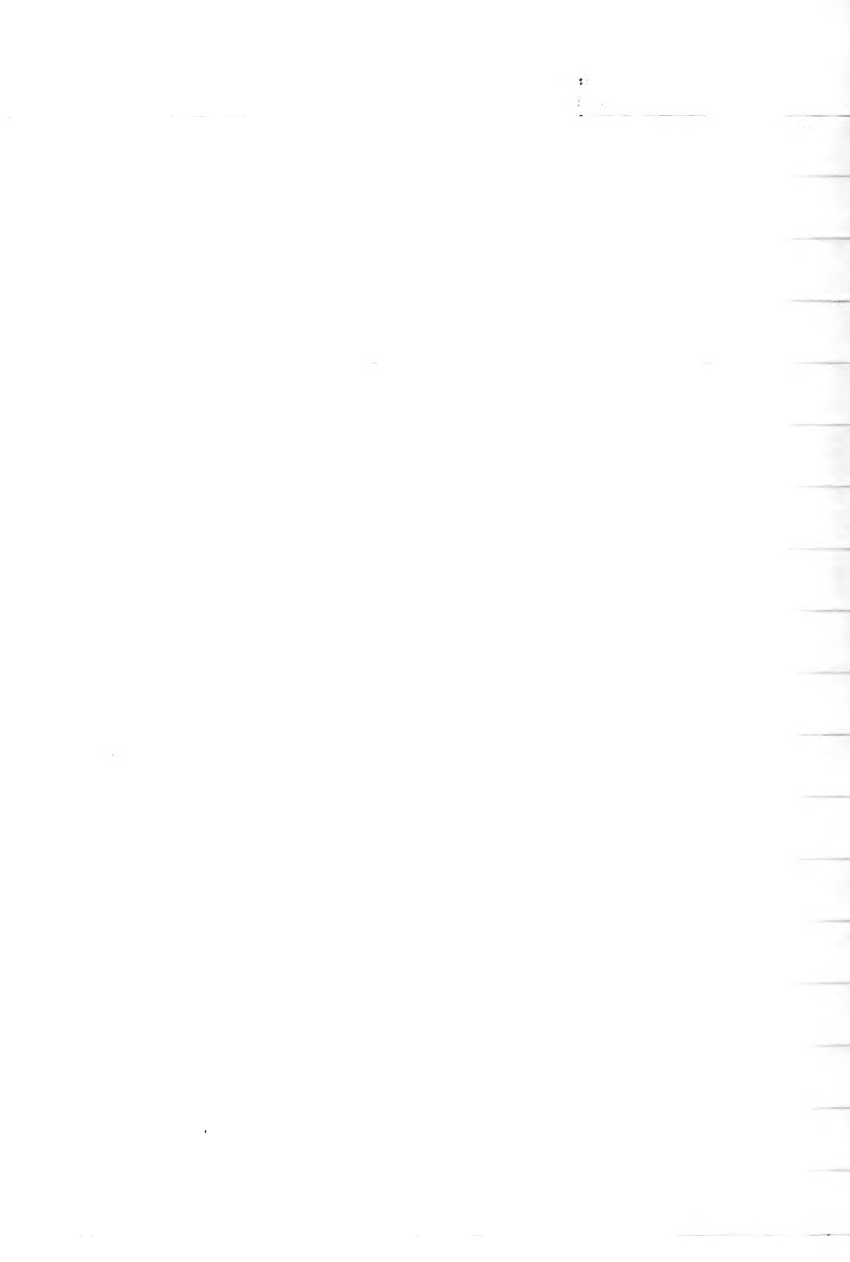
Infl. purple.

LF

ST

Med: rubbed on skin
for pain & tiredness.

PHOTO



4375

X

Euphorbiaceae

(3)

Drypetes longifolia

Tree 15 m x 18 cm dbh

Bark grey ± smooth, lenticulate

1/6 yellowish

Fruits glaucous / greyish hairs.

TB

TW

LF

