

13.

Feejee Islands.

Fiji Islands -

Nicotiana tabacum - introd. by whites. -

Physalis - (bis) low-smooth, cult ground introd -

— (bis) pubesc, cape gooseberry; Lakemba Holmes
& introd —

Solanum - if Tonga No. - but smooth, full on in coast
Tutu-Tevu also Lakemba. Holmes -

— suffrut 1-2 ft. spreading, fol lance rough, toment,
fr & flos rather small; baccens Muthuata, ^{near} 1st -

— near 1st also S, pubesc fol - Muthuata —

* habit Melongena, flos small white, pulp like
tomato, edible & pleasant flavour. —

— repandum - (bis) Tahiti, also cult. and pleasant
flavour —

— smooth lance leav suffrut base small
flos; rocks ovalis - B —

Nigella - ? Sivoka - introduced -

capsicum - fr as seen at Sivoka prob introd
by whites. —

Cestiva? - shrub 10 ft. red berries. no fls. fol ovate
entire alt. Ovoloas. B -

ign - tree 20 ft. fol. opp entire sheathing base,
corymb term, drupe elongate, pedicell
base, apic, cal minute 3-fid. Ovoloas

Plumbago - trailing suffrut, white fls petals
acute: Ban -

Borhavia - (his Tonga & Samoa) Ovoloas prob
introd. -

Amaranthus - near tricolor, showy plant,
cult & introd by natives -

Ovoloas & -

Achyranthes - (his Tonga) Ovoloas & n. coast
Vuti-lewo -

Desmocheta - of Samoa, Sabu Sabu B -

? purp fls Raiwa. Rich. if pucc -

Polygonum - halut persicaria glandular
hairs on pedunc, short spikes. Raiwa &
marshes -

Cassya - (his) of coral isle sp. near coast of
Raiwa & -

Laurus - fol alt, entire green both sides, cup at base,
fr, tree 20 ft. Ovoloas 1000 ft B -

- appar diff Ovoloas, inconspic fls, sandal wood
bay "Embo" -

- congen *Keal* fol 8-5 in, broad ovate entire glauc
below, short few fld racemes tree 30 feet
Ovoloas B -

-² congen *Ke* involucre 2 phyll. fls pice. fol small
ovate entire glauc below, ~~short few fld racemes~~

1825 feet - Ovoloas -

^{Cinnamomum}
Cinnamomum - 15-20 ft. fol 3 nerved. mts Ovoloas &
sandal wood bay alt 1500-2000 ft. flavour
like cassia but stronger. -

- possibly 2^d small leaves not 3 nerved, top
mtn sandal wood bay 2000 feet

- if pucc fol oppos but not aromatised, drupe
elongate 1 seeded, branching shrub 10-15 feet
Mithuata alt 2000 feet -

Myristica - appon Tonga sp. mts Orolao common
- possibly dif as leaves sometimes 2 1/2 ft; Orolao
mts smaller tree -

Daphne - if Samoa & Tahiti; Orolao & common

Dais - (his Samoa & Tonga) common along coast,
- tree 30 ft, smaller leaves, flos mostly on trunk
Orolao B -

- term clust, 5-6 tub flos, 2 cordate & involucre
bracts, fol oblong; fine plant, wood Orolao
- dij. corol 1 1/2 in. fol lanc short pet. fr half
in long somewhat compressed, ornament
& fragrant. Muth mts -

Santalum - fol broad ellipt fr oval pea, young
has lanc lance like willow/see
July 20th) -

Balanophora - if B. tamaris. roots of Ficus,
mts Orolao & Muthuata common -

Rivinioid - spikes axill & term, red berries & gyn
trailing, fol narrow ovate entire; Bam
Oreata Holmes 4 sept -

Chloranthus - 2 ft. by 6 in. fol. ov. cunato dent
somewhat sheathing, spikes term
branch, near Livioka B -

Carica papaya - abundantly cult - grows
finer than any yet seen -

Hernandia - (his) along coast but not abund
& no longer trees -

Alumites triloba - naturalized, but not abund

Acronychia - if Flacourt & Egialitis, monvic
cal 4 ped, pet 4 minute, fol scat. artic on pet.
entire thick, stem upright ^{shrub}
Orolao -

Flacourt? - fol. oblong sub artic. subop.
entire, cal 4 parted, pet 4
calycine & 4 intumed, caps
toment. Valoa & -

Phyllanthus - 1 ft. lanc leaf, if Tahiti
Orolao & Muthuata, seems
more woody & branch -

— shrub 3-5 ft. fol broad ellipt subcord base
common on leeward coast —

— perhaps dif smaller leaves, whitish ^{below} groundish
Muttuata 2000 ft —

Bradya — if Ovoloa 10 ft, Muttuata alt
2000 ft —

— 2^d sp smaller leaf. Ovoloa —
— perhaps 3^d smaller leaf if Tahiti Ovoloa. B.

Picinus — appar dif from palma-christi cult by
natives & fr used for candles —

Picnoid — (his Tong & Samoa) if P. divinus Forst
but fol felt, mostly near cult ground

Stylingioid — appar No. 1. Samoa but fr
not always 2 celled. Valoa &
generally near cult ground —

Codium variegatum — (his) commonly cult by
natives —

— leaf more lin 1 ft. by 3/4 in. scattered, sometimes
single interrupt, no flos: cult ground
at Ovoloa

Arctoid — but fol subop. cord. white below 4-20 ft
or more common on leeward coast —

— 2^d sp fol op. & by 3^o ovate acute, net, shrub
muttuata alt 2000 ft —

Euphorbia ramossissima — (his Coral isl) coast —

— * tree 6-15 ft. thick, branch very milky, term
cymes fol lin lance obtuse, Muttuata &
Lakemba. Holmes —

Euphorb — upright thick, stemmed shrub on an,
smooth lance leaf, upright spikes —
Ovoloa alt 300 feet —

Acalypha — (his Samoa) herbac 1 ft. cult ground

— Rania & —
— shrub 6-8 ft, fol broad ovate, serrate dup
red, spikes pedunc, cult ground near
Rania R —

— fol broad lance soft pubesc Rania &
common. —

— broad cord leaf Nagalooa —

— fol round cord. deep purple, ~~dec~~ crenate, shrub.
Luvouka —

— shrub 12 ft. very toment & almost lanate
both sides. Ovoloas B —

— if cord red leaved but more pubesc.
Omnata Holmes —

— ? fol alt. broad lanc. serrul. pet. axillary
small axill. if terti. Ban —

— Brotonia small flos clust or long filiform
racemes, fol broad lanc sinuate serrate
Auric base: shrub. Ovoloas —

— shrub congen fol ovate long pet, minute
spike, Ovoloas —

— Euphorb — shrub 2-4 ft. fol ovate serrate long
pet 2 glands at base, flos solit. a
few fls & racemes; n. coast vertis. low —

— Excoecaria (bis-Tong) common on coast —

— Croton? — 3 ft. p. num toment in axill. racemes:
fol broad lanc pet. Ovoloas 16-20 ft
B — — —

— perhaps 2 smooth: Ovoloas B —

— Piper — shrub, fol cord about 7 nerved. young
spikes white: 3-5 ft. Ovoloas 3e common of Tonga

— scandent flos not seen; woods at Ovoloas
fol broad subcord. — — —

— (Cava pepper) roots only seen — — —

— Piperomia — simple leaved pubescent
Muthuata common

— 2^d sp. entire leaved smooth. Ovoloas B —

— 3^d sp. smooth large leaves. Ovoloas B —

— minute, fol radical round-ellipt
petiol. leaves, Ovoloas B — — —

— Clatostema — much branched small leaves & large
crenatures: mts Ovoloas 1500 ft. — pet

8 — resembling N. Zeal. large leaves pilose; common
on mts Ovoloas —

9 — shrubby capit axill. fol. hirtell. short
rather entire. Ovoloas

— N. Zeal habit but flos panic. — — —

Sciophila? if Tahiti, Ovoolas -
 n.g. - *Elastostem* - congen Samoa large fr 60-70 ft
 flos umbel. Mts Ovoolas -
 n.g. - perhaps congen of ^{1st} shrub like dimin
Ficus fol pandurif & incised, fr solit
 minate 2 styles n. coast Vetti-levoa R-
Antracis - up as 40 ft. cal. open pubesc. 2 styles
 a duply furcate, if Taino sp. Ovoolas &
Ficus - (if 6 straggling sp of Tonga) plm leaves
 rusty beneath smooth, fr long pedunc near
 Fawa - - - - -
 (this) banyan tree of Tonga Kugaboa n coast
 vetti levoa. Mutuata isle near coast
 & shrub fol rough, cord base, fr oblong cord hair
 mts. Ovoolas: Pich -
 4-7 ft fr size small cherry pedunc:
edible: fol ungu, cord integr, common in
cult-grounds & also wild -

- shrub fol lin lance sometimes, annile at base,
 n. coast vetti levoa - R -
 - small tree fr very toment & acetose, fol ungu cord
 toment beneath. Ovoolas -
 - tree 32 ft large leaves small fr on short
 pedicels -
 - *tubinata*, (his Tonga) common in woods
 - (his As. Tonga) 30-50 ft, planted near
 houses Salva &c. - orange pisi form fr.
 - fr dull orange size cherry pedunc 2 bracts at
 origin, fol large ungu, cordate strong nerve
 if fr turk. Salu Salu - - - - -
Procris - (his Samoa & Tonga) - common, leaves
 infused with Sida & Convolv pisi capra
 used for abortion -
 - ? leaves larger long pet, white below. flos
 panic. shrub. Ovoolas. B -
Boehmeria - 6-10 ft. anmits 2-3 1/2 ft long, fol
 3 nerved ungu. mts Ovoolas 1300 ft -

— 10-15 ft capit in long aments, fol broad ovate
subcord: *Mutthata* alt. 1000 ft —

— ? shrub 3 nerved leaves, long compound raceme
Ovolas - B —

— large cord retic pubesc leaves glomerat on
ament: *Salun Salun* B —

Artica - pustulous 2-4 ft, purp stems, fol coarse
toothed, stinging, sandal-wood leaf
no specimens —

lenticoid - woody, fol white toment below,
axill small cymes, Ovolas —

Art - if Samoa shrub 8-12 ft, 1 leaf alt small
axill panic: common at Ovolas —

Art - congen stinging tree of Samoa 30 ft. by
1. spreading, fol large ovate serr smooth
"pain recurring for many days" — see P.

Doelt's - if Tonga scab & pubesc leaf —

— 20 ft, white pubesc on young stem & petiole
p subsess: *Salun Salun* B —

gen. Art - coarse branched tree 30 ft by 2, fls
minute in pedunc cymes 4 an d: fol
subcord entire: n. coast with levo (native
(his Tonga) —

Broussonetia - (his) common only cult. —

Baehmer? — ? dent fol alt. capit in aments:

Juliania Holmes —

Artocarpus incisa - (his) cult —

— (his Samoa) fol mostly entire cult *Mutthata*
or. g? — if *Ficus*, large plaited purp fls. shrub,
common in woods Ovolas —

— congen? fol 1-2 ft. p inferior, with appearance
of 5 sepals & pet (?) Ovolas B —

Conif - congen of *Zeal* & austral, tree 20 ft. fol
lanc 2 or 3 in, alt no lat nervines, no fls.

Ovolas alt. 2000 ft. —

Casuarina - perhaps dif from *Tahiti*, as made
aments chiefly axill 20-40 ft. abund in *Barro*
Seeward etc — — —

Leallitris * 50-60 ft. & trunk tolerably straight
seems much like *Casuarina* larger only; at
"Embaya" —

Dammara * fol appar broader than *N. Zeal.*

Muthuata alt. 2000 ft. once only seen & young
resin like *N. Zeal.* small flos resin used for fishing
earthen ware —

Lycas circinalis - in cult ground & wild situat
alt 10-15-20 ft. trunk, sometimes 10 ft. fruit-

Shrub - 12 ft. fol. alt. coriac. broad lanc. obtuse, large
green sessile fr. along coast Ovolas —

Antididmoid - tree 20 ft long branch racemes from old
wood sepals 4? no pet. fol alt or acum
integr. Ovolas — B —

Shrub. - stout, habit *Pinus*, racemes 1 sided drupe
1 seed a nut, fol or entire, appar 4 stigmas.
Ovolas —

— 2 sp. shrub, fr in racemes almost beaked appar
2 valves, fol or alt entire. Ovolas —

tree - 20 ft. fol. alt. like *Pinus*, obovoid drupe like
cherry in racemes below leaves 1 large nut, Sando
wood dist —

? fol or alt. pinnate entire pubesc pet, racemes below,
cal & fid. drupe size cherry, hard ind but large
Sing. soft seed, or —

ign - opp. cord. *Tiliae*, leaves, term cyme very small flos,
cordia habit, Ovolas B —

Leg. habit - but sometimes 2 follicles split lat and
disclose red fleshy drupe, fol simp or fol
alt. woods Valoa —

Sole-herbac - habit *Skimmia* fol lanc entire petiol,
no flos. *Muthuata* alt 2000 —

Shrub - fol alt lanc entire berry solit pedicell,
cal 5 fid: *Muthuata* 75-80 ft —

Tree - 20 ft Laurus habit but cal 5 part fol
scattered dentic. Ovolas

Vine - if *Pipogonum* fol ov & nervovate entire smooth,
fr orange inferior? size plum. Sandoal wood dist

Chamaecrops? (bis) fan Palm of *Mama* & *Tonga*
planted near houses *Bivoka* —

Caryota - 20 and 30 ft by 4 in common in woods
Ovolas — — —

— perhaps same but only 1 in. diam. called black Bamboo
& used for spears, fr small.

3. auca* — fr wood acute 2 in. cal & scales. 30-30 ft near
Rauva, fr eaten but astringent ^{20 and 22} (?)

4. — * fr red 2/3 in. term apex 15-ft, kernel astring.
pami below leaves. Mutthata 2000 ft —

Cocos nucifera — cult & 2 vars — distinguished —

Senina — abund in taro ponds —

Halophila ovata — Gaud. (his Samoa) manine —

coral shelf not abund —

gen-ign — (his Tonga) manine, cylindrical leaves

no flos coral shelf not abund —

Puffia? — halut Potamogeton Marinum, manine
rare Ovoloas —

Nestoid — (if No. 1 Samoa) 2-3 ft. acute leaves
green flos: near Rauva

— (if No 2 Samoa) small fld: mutthata Ovoloas —
— hairy. Ovoloas-B —

Pterochilus — fol unig. Ovoloas —

gen man 4^{at} — bin flos rather large, yellowish.

Ovoloas 1000-2000 ft common acc at base flos —

— perhaps 2^d sp more hairy near top —

Xerulia — (his Tonga & Samoa) Ovoloas ge. —

n. g. Malax? — 2-2 1/2 ft 4 or 5 leav at base stem,

flos small yellowish green; Nolva —

Bletia — (his Samoa & Tonga) clearings ge common —

— possibly diff flos pale Mutthata 1000-2000 ft

Orch — (his 37 Tonga) common at Ovoloas —

Orchid — (if 35 Tonga) large purp flos caps long
sulcate, Nolva picked up by Pale

Orch — (if Calanthe Tonga) very large flos no
spur, fol 2 ft, appar distinct; Ovoloas B & D

Halimnoid — 3 ft. lance leav, long spur,
filaments perhaps ^{to} lower lip.

Ovoloas-B —

Orchid — (his 36 Tonga) dendrob. halut leaf
stem bulb base, flower stem
distinct, Ovoloas — — —

~~Orchid - (lip calanthe Tonga) very large flos no spur
fol 2 ft appar distinct Ovoloas Bg Embou -
Nabenaioid - 3 ft long leaf long spur filament
perhaps to lower lip Ovoloas B -~~

Orchid -

* Fernandoid - ground, bipinnis bracts fol
stipate. Ovoloas. B -

Robiquetia - remarkable scandent habit
like Freycinetia about trunks trees:

Ovoloas B -

Pandia-like - fr stem up to leaves branched spikes,
acute ribbed fr. Ovoloas B -

Scimodou? aphyllum - (his Tonga Tahiti & Raiwa
& Sabu Sabu. B - -

? roots like pua but fol 4-5 in: 8 point

Sandal wood leaf -

- appar near preceding but ordinary
roots; mountain in Sandal wood
leaf -

Tendrobium - singular compressed stem, term
inflorescence, epiphyt, sub-marit.
jungle at Raiwa -

- con. congen. N. Zeal. fol broad lance obtuse, flos
not seen, banks stream Valoa laurus

- leafy stem, fol 2/3 dsly 1/4 in. no flos. rare. Mutthua
alt 2000 feet -

- large yell flos, rocks & trees used for ornament
Ovoloas -

- term inflo, short spur, fol crowded bipin-
narrow elliptic, Ovoloas - B - - -

- ? flos deep orange long thick, spur, common
on top Ovoloas -

- flos few axill obtuse sac flos smaller
fol lance 5-ly 1/2 in, stems 1-2 ft. Ovoloas B -

Phronia* flexuosa - flexuous stem fr crowded
Mutthua alt 2000. -

Alitoides* - habit Alitris pauciflora fol 1 foot
long, no leaf stem. trunks
Ovoloas - B -

— fr roughish. *Panicum* —
gen. ign — of No 21 Samoa stem bulb at base,
fol ribbed, p alate or deeply costate; nts
Ovolas —

gen. ign — large red flos, caps papillose filament, in flor
term, stem dilate in long striate bulb.

Mutthata 15-20 ft —

gen. ign — stems leafy 2-3 ft. sometimes branch flos in subterm
capit, caps smooth shining 3 grooves. Ovolas 2000 ft B —

gen. ign — large pale yellow almost sessile flos with
sacate base, fol distinct in pairs bulb at
base; Math' 2000 ft alt —

gen. ign — an congen 33 Samoa? fol lin fleshy 1 in
stems 2 in. caps small in tufts; Math'
2000 feet —

(his Samoa) term flos. Ovolas: B —

Epiph — rigid term spike 1-2 ft. long, somewhat
compressed, flos in 2 oppos sides

Mutthata 2000 feet —

gen. ign — creeping. stem distinct, fol lance lin long,
sulcate, bulb at base. Mutthata 2000 ft
— if Maxilla? delicate, purp flos on distinct stem,
1/2 lin, fol lance, bulb, caps rather large:

Mutthata 2000 ft —

— fol ellipt 3 in stem distinct, large sulcate
caps. Mutthata 2000 ft.

— flr stem inf-axill, caps mid size, fol lin lance
7 in by 1. Mutthata 15-20 —

— very large, fol 1 1/2 ft. by 4 in large cluster in
fork; nts. Sandal wood bay. 2000. —

Steloid — flr stem axill, fol lin long, racemes,
very small flos. Ovolas 2000 ft - B —

gen. ign — of 34 Tahiti, cylind leaves. Salu Salu B
ign — congen N Deal & 32 Samoa, minute creeping
a pressed fol ellipt. Ovolas. B —

leanna — (his) seulet flr said to be in tree by wht

Terigiter — (his 2 Samoa) pathways & cult ground

laucuma — (his) often in wild situations
also on hills n. coast Aeti-lewo —

Thalia? canifolmis? 10-15 ft, habit *S. edycichusian*, mts

Ovolao, large white fls, roundish fr —

Musa — (his *Fabu* of Tahiti) said to be
precisely the same — mts Ovolao. B —

— *paradisica?* (his Samoa) cult —

— fol opp like *Fabu* but spadix
nodding, commonly cult fol glauc below
fls semi-verticill —

n.g. *S. Helicon* (his Samoa) mts woods Ovolao
& doubtless native —

Diorella — if Tonga & Tahiti, open grounds,
Sandal wood bay & —

Crinum — cult, fls fm *Onata*. Holmes —

Allium — introd by whts Livooke —

Dioscorea — fol reniform, 10 nerved, stem
prickly & with hamate spines,
Cult. —

— *fol opp, hastate, smooth, about 9 nerved
planted & also woods —

3-5 leav, caps tuqueti, root *Maskin*: cult. "cowi" —

Tacca — often in wild situations leaves more divid & segm
lin than in cult var: arrow root made by natives

Eustrephus, near Australian, caps or berry 3 valued

Mitthnata 2000 feet —

Smilax — ovate 5 nerved leaves, flr umbel, sandal
wood bay & —

— fol round cordate, large deep sinus, Ovolao
woods —

— fol 3-5 nerved, long umbels & pedicels, Ovolao B

Dracena terminalis — often in wild situations
& also near houses. also var with very large
leaves almost like *Musa* —

Flagellaria — (his Samoa) but much less common
Ovolao Sandal wood bay & —

Astelia — if N. Zeal broad leaved appar
large fls, on trees. — Ovolao —

Bromelia Ananas — Pine Apple introd by whts
Livooke —

Commelia — small blue fls Bar —

3 Pandanus - fewer fld than Tonga, leaves shorter
& more glaucous & scattered, trees 10-20 ft
all over unwooded districts

— (his 1 No. coral isle) longer & narrower leaf
planted at Ovoloa & —
— n.g.* stem 1 ft. & angled for nearly separate leaf
very long, ^{6 ft.} jungle at Raiwa & Nalua —

5 Freycinetia - broad leaf long mucos, yell bracts
on male, none on female flos branch
stem, common in woods —

— narrower leaf acute but not acum, also
branching, woods at Ovoloa —

— appar of the sp fol smaller tender herbaceous.
also branch. nts Ovoloa —

Caladium esculentum - cult abund —
— macrochuron - do Raiwa —

— *? of same with piece d, very diminutive
small divaricate acute lobes, stream
above Luvuwa — no flos —

Pothos - (his Samoa) mixed leaves, thick green
spadix, spathe greenish: common in woods
— small lance leaf of also Samoa —

Scleria - (if No 2 Samoa) common Salu Salu & —
— banu ridges leeward coast tufts of smooth
— do of beaked roughish —

— * 4-5 ft. trialate sheaths, open marshes Sandal
wood bay rare —

— 3-4 ft. sheaths not alate, nut smooth dense,
Nalua —

n.g. caric* - canyopsis beaked, tufts in woods
at Ovoloa common —

Rhynchospora - (his Samoa) Two paths at
Ovoloa also Sandal wood bay —

Funclustyles - fol pubesc older more smooth
1 ft. Nalua —

— long lin leaf. Ovoloa —
— appar 3 sep broad leaves. Ovoloa —

Trichlostyles - (his flat-stemmed of Tonga)
Ovoloa — — — —

Cleochans - near artic. of NZeal 3-5 ft in water

Rauwa -

— like preced but not artic 3-4 ft sandal wood bay of Nalua -

— if *capitatus* wet taro patch at Ovoloa introd perhaps -

Cleochand - (his *Abildgaardoid*) of Tonga & Nuth abundant -

Marsicus - (his of Tahiti & Samoa) Nuth common

Hyllingia - of Samoa -

Cyperus - near *stigosus* sandal wood bay - 9 in, spikes compressed about 14 fld, Ovoloa

B

— (his) glaucous sp of Samoa & Tahiti com

Panicum - small fld his Tonga & Samoa, cult ground Ovoloa -

— (his No 3 Tonga) cult ground Suwoka & Dava -

Digitaria - (his No 2 Tonga) hairy sheaths & stems, abund on leeward coast &

— if Tahiti & open districts common -

Digitarioid - (his No 2 Tonga) hairy sheaths & stems but long awns, woods at Ovoloa -

benchrus - (his Tahiti) coco-nut grove on ne coast Viti-levo -

Rhapis acicularis - (his) rather rare -

Orthopogon - common in woods of Samoa & Tahiti B. & -

— (his) No 2 Tonga, larger more branched Ovoloa

Paspalum - of Tahiti common in open districts -

gen. eqs - (his Samoa & Tonga) creeping on marit sands, Mattrata -

Coix lachryna - common in cult ground introd

Lepturus - if Tonga & Samoa marit sands direction isle. B. & -

— hills, perhaps diff from coast species -

Poa - of Samoa & Tahiti, abund in woods -

Stipa - *agrostoid* habit, cal glumes acute, coral awned, Mattrata -

Clusina indica - doubtless abund here, but
not now collected

Bambos - rough, minutely serrul leaves,
cutting, Sandal wood district
prob introd -

Sacharum officinarum - small var abund all over
open grounds -

___ " *? small sp near *peruv*? Barr rare
Kaloa more common -

Ischaemum - common grass base hills Mutt
or wild cult larger tufts ranch

___ " smaller leaves narrower still highly
aromatic, barren hills on leeward
coast Muttuata -

Andropogon - spikes paniculate barren
hills on leeward coast
common -

Heteropogon - listly glumes barren
hills on leeward coast
abundant -

*Chara** stream at Barr M Dana -
Marsilia - of Tahiti large leaves
smooth, Taro ponds aquatic

Ptilotum - His Tonga & Nyaaloo &
Muttuata heights -

Lycopodium - His Tahiti habit clau at
2-3 feet branching Ovolo
mts & Sandal wood
bay -

___ " if Samoa - hypnoid upright 2-4 feet,
woods Ovolo common -

___ " 2^d sp of Hypnoid, common - Ovolo

___ " - p. axill. habit M. Muttuata
15-20 ft

___ " - pendent, oval obtuse leaves, spikes
cylinder, trunk, mts Ovolo -

___ " of Samoa. pendent, oval obtuse
leaves, irregular spikes, mts
Ovolo -

- pendant, longer pointed leaves,
 branching spikes, mts Ovolas,
 perhaps this with spikes 1 foot long
- " perhaps different, fol narrower,
 pointed, larger tetragonal spikes,
 mts Ovolas — —
- Trichomanes — 6-10 in. much divided & curled,
 mts Ovolas 15-20 feet app^(ed) to surface —
- 10 in. multipid ~~linear~~ linear segm, mts
 Ovolas — tufts —
- Alatum cog. (this Samoa) fascicled etc
 pinnate frond, Ovolas 1000
 ft not abund —
- 3 prim incised 6-8 in, Sandal wood
 bay — — —
- 2-5 in. creeping, frond narrow segm
 serrate, Ovolas — — —
- clust, 3 prim, very broad frond 5-9 inch,
 Ovolas B — — —

- habit Jodea, stem 18 in, frond 2-2 1/2 feet
 3 pinnate, Ovolas 3 B —
- 1 in. entire segments creeping, rocks
 Ovolas and possibly with narrow
 segments — — —
- simple leaved 1/2-1 in creeping rocks,
 Ovolas - B —
- Hymenophyllum — small creeping, segm
 broad serrate, Ovolas
- 1 ft. broad frond, segm entire,
 top ovolas 2000 ft B —
- 6-8 in segm segm serrul & involucre
 broad frond trunk, tops
 Ovolas 2000 ft B —
- Trees caps very large, Ovolas - B —
- Jodea.* 3 ft bipinn mid rib pubesc below
 Ovolas — alt 15-20 ft —
- x Dicksonia — 10 ft. stem toment frond
 broad 4 prim, mts Ovolas 0 —

— habit asplen 3 prim segm, cuneate
p generally in pairs - bank of stream
in Naloo barrens -

— ? p like ~~avellia~~ but small, terrest 4 prim
smooth multipartite, Ovoloas B.

— congener N. Am. 3 prim, stipe paleac,
Ovoloas -

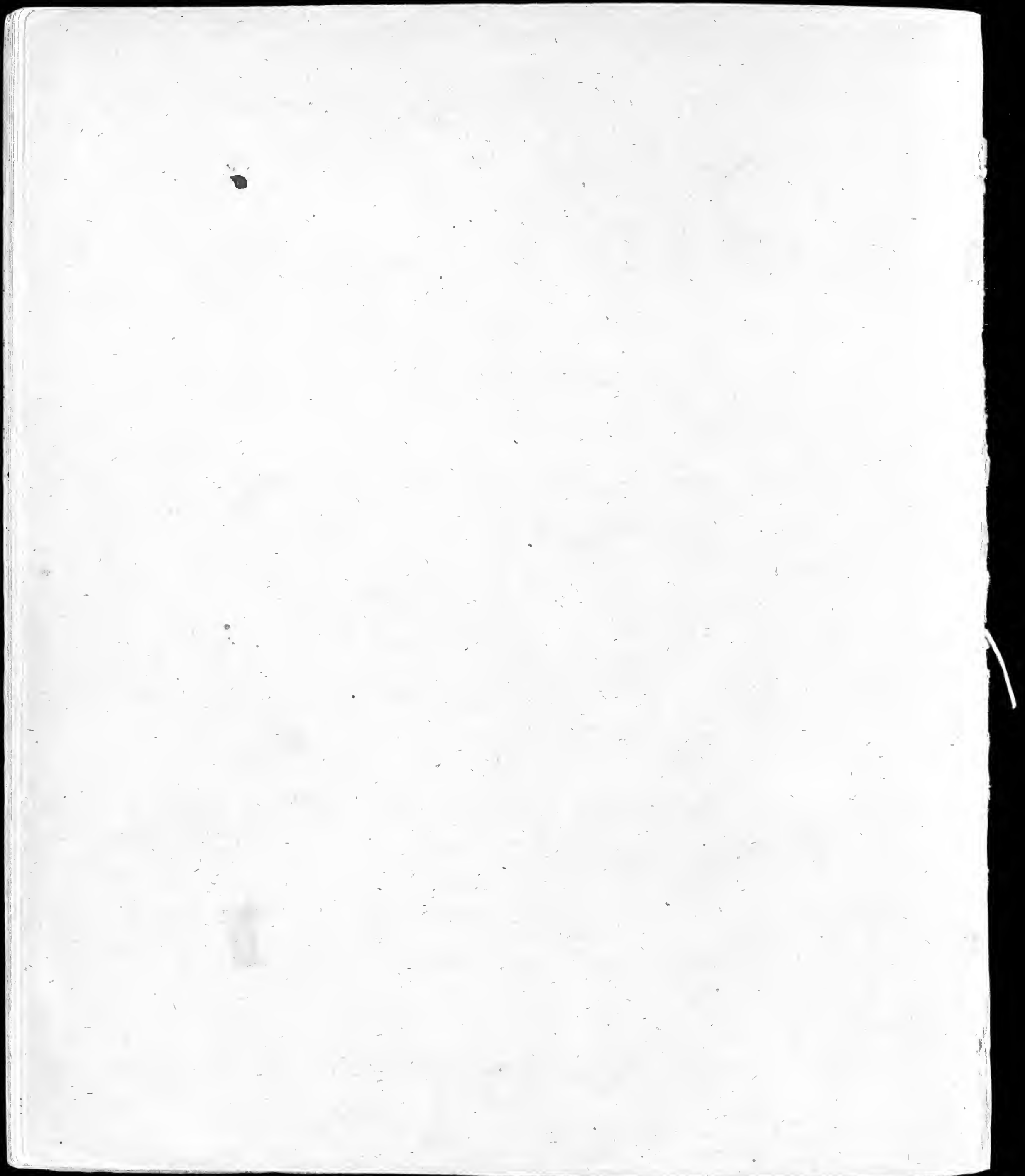
— perhaps diff 3 prim, Sandal wood
distinct -

— ? (his No 4 Tahiti) simply pinnate
tufts on trunks, top Ovoloas 2000 ft

Davallia - 4 prim multifid linear segm,
Nugalaas, Ovoloas & common -

— ? pectinata - Hook. (his Tahiti) seen &
think here but no spec

* Davallia - but fertile fronds distinct,
creeping on trunks, pinnate,
& along margin. Muthua
2000 ft. —



14

Feejee Islands

5
Fiji Islands -

Acrosticum aureum - (his) sub marit marshes
abundant -

— trunk trees ovate entire leaves, fertile frond
separate, top Ovoloa 2000 ft -

— ? fol lanc obtuse 10-15 in. no fr. trunk trees
top, Ovoloa - 2000 ft -

— fr mostly simple rooting apex, lobed margin
fertile frond distinct, Ovoloa -

Acrost^h ? frond lanc. term in fertile thread tufts,
top, Ovoloa 2000 ft - B -

Schizaea^{isaac} - (his Samoa) flabellate divided lobes
few -

— * *saxatoides* - lobes numerous 6-9 inch
abundant in bays - Kaloa & Sandal wood
bay -

— * stem simple bilobate - spikes 2 or more in.
Muttmata 1500 ft. B -

Adiantum - scabrous stipe, segm hairy below.
Muttmata 2000 ft - -

— simply pinnate - Ovoloas —
Dicymochloea — near Brasil, mts Ovoloas
 lupin 7-12 ft. alt 2000 —
Lindsaea — frond bipinnate, Ovoloas —
 — *Adiantum* habit but white stems, Ovoloas —
 — simply pinnate, Ovoloas —
 — perhaps same, creeping root, Ovoloas —
Angiopteris — of *Eucta* of Tahiti, thick, short trunk
 p 14-15 ft. woods Ovoloas —
 — appar 2^d sp. p narrow mid rib 8-10 feet of
 Tahiti. — Ovoloas - B —
*Blechnum** — near Tahiti - Ovoloas —
 n.g. — * of *Polypod* *huallichi* — top Ovoloas 2000 ft
 never dicot —
Gleichenia — of Tahiti open grounds Nalva &
 Sandal wood bay —
 — appar 2^d narrow segm, top Ovoloas 2000 ft
Lygodium — common in woods —
Ophioglossum pendulum — appar same Tahiti
 Ovoloas & Samoa - Epiphyt

n.g.* *Botrych* — creeping *Rhizoma*, sterile fronds
 like *darallia*, fertile separate, top Ovoloas
 2000 feet - B —
Antrophyum — (if 2 Samoa) frond lanc lin 6-9 in
 tufts on trunk, trees, mts Ovoloas —
 — of Samoa & Tahiti broad frond, Ovoloas &
Nephrolepis — (of Manua) *Rauia* &
 n.g.? — *Rhizoma* rigid & habit ordinary shrub
 3-4 ft. leaning frond lanc p rows —
 Ovoloas & Sandal wood bay
Polypodium — (his) of *Phymatodes*, n. coast Viti-levo
 — of puaa appar less coriac than coral isle, Ovoloas —
 — 4-6 in lanc a rows p. trunk, top Ovoloas 2000 feet —
 — creeping lanc 3-4 in. 2 rows p. trunk, mts Ovoloas —
 — 2 ft. pinn segm dent. 2 rows p. roots Ovoloas —
Polypod — accessory scarious fronds, large nests on
 branches, pinnate p 2 rows —
Mnemosyne — long lanc leaf. Ovoloas —
 — pinn segm acute, stipe acute 2-5 ft. ground
 common in woods Ovoloas & —

? pinn pinn broad sessile serrate incised,
deep woods on mts Sandal wood bay

? Lipium, Nanna. Holmes & —

Doodia — of N. Zeal. Ovoloas & Nalooa —

Cyathea — tree of 4th sp, Ovoloas B

? — tree 20 ft. Sandal wood bay —

— p more distinct, Sandal wood bay B

— 3 pin. segm lin p small cov whole upper
surface, Sandal wood bay B —

ng * culrose 3 pin 1st segm fertile p acur
like Cyathea, top Ovoloas 2000 feet —

Vittaria — (of Tahiti & Samoa)
Rauva & —

* latifrons — fol 1/2 in broad, trees,
Ovoloas. B —

Pteris — very large pinnately branched cleanings near
Rauva —

— near esculenta of N. Zeal. open grounds
Sandal wood bay abundant —

— simply pinn of Samoa —

— (his Samoa) near pedata, but more divided

Muttuata —

— ? but appear no indication of habit of chalcantia

Muttuata

— Minnis — his Tonga & Samoa — common —

— Lipium lower pinn bipinnate segm broad
lin, Sabu Sabu & B —

— * weak stem subscaud 20 ft. segm very broad
3 pinn, stipe large smooth, top Ovoloas
2000 feet. —

— p Lipium segm decur lance acum. mts Sandal
wood bay —

Chalcantia — banna hills on leeward coast
to ment —

— more divided smooth — with ped —

Polypteryx? — but fertile frond distinct large
creeping Epiphyt, Lipium seg on sub.
Ovoloas B —

n.g. - *Som* * *Volubilis*, *laevium* fronds *pinnis* *spanulosa*
- serrate *nerves* parallel like *calophyll*

jungle at Raiwa -

Somaria - top *Ovolas* 200 ft -

terrestri narrow *pinnis* frond short segm.
top *Ovolas* -

? sessile segm partite segm partly foliaceous like
Blechnum 3 1/2 ft top *Ovolas* -

4 sp *nervus* prominent lower segm auric
clasping at base 2 1/2 ft broadest top
Ovolas -

? climbing *laevium* fronds like *Marattia*
pinnis segm entire *pinnis* pet. *Ovolas* B

? climbing frond *pinnis* - *pinnis* simple acum

Thelypteris - (his) Tonga & Samoa) open marshes
common -

frond *pinnis* *pinnis* dentate with *preca* (rare)
(his) small fr. *Sakumba*. *Holmes* -

* or *Aspidium*, stipe smooth *Aspidium* etc
fr along margin, *Marina* *Holmes* -

Aspidium exaltatum - ? entirely smooth, Sandal
wood bay & -

- miniature of *preca* tufts on trees, top *Ovolas*
200 feet B -

- *lipin* ^{serrate} sometimes *epinesc* stipe paleaceous,
Mutheata 200 ft.

- (his) Tonga & Samoa) like *exaltat* but
Rachis pubes less common than at Samoa

- larger than *exaltat* fr in rows *Ovolas*
fr in 200 ft B of *preca* -

- ? tree *tripin* *pinnis* *pinnis* *pinnis* *pinnis* -

- creeping epiphyt *lipin* 6-8 in fr large *Ovolas*

+ ? large *tripin* segm small stipe rough like
Lycopodium, *Ovolas* B -

Diplasia - (his) broad leaf proliferous sp
of Samoa Raiwa Sandal wood &

- frond *lipin* but coalesc at apex

sometimes 3 *pinnis* Sandal wood berry

- simple or 3 partite segm long same banks
stream in *Naloa* *laevium*

— 18 in bipinn slender weak hairy Ovoloas B

— 3 pinna 6-8 ft. Ovoloas 500 ft B

— smaller than 1st more emplex p pinnate
pinna dent sandal wood district

Grammitis - frond lance 10-12 in. Epiphyt, Ovoloas

— tufts 4-6 in on trunks p pinnatifid, segm alt
p along margin. Nuttata 2000 ft

Scelopord - tufts on trunks fol lance parallel
nervis large p Ovoloas 2000 feet

Asplenium * Adiantum habit, fol 4 pinna Rain

— Adenophorus habit tufts on trunks trees 3-5 in
fol pinn. pinnis incised segm obtusi. Ovoloas

— near lucidum pinn segm serrate. Nuttata
heights

— 2 sp p not reach Margin, segm less deeply
serrate. Ovoloas

— congener Aspid Asplenoid 3 pinna segm dent,
Ovoloas

— tufts on rocks & trees 6-12 in bipinn, cuneate
segm dent. Ovoloas

— rocks pinn segm 1 in long short p tufts. Ovoloas

— *trunks trees bipinn segm cuneate dent striate
p few, Salu Salu B

— manus - (his) coral isl common also Ovata. Aplogy
n.g. * (his) 29 Samoa) common on trunks tufts

n.g. * (if as Samoa) Epiphyt branch fl like
Polypod - fertile sinuately incised

Ovoloas &c

Brypt. ign. ? (his) like black hairs tangling
ferns branches turn in margin

— agaric like expansion common in woods -
Dicranium - dendroid (his) Samoa deep woods

— ? branching minute capsule -
Trichostomum - woolly involucre entirely cov

caps Ovoloas -
Myrmica? Ovoloas -

— 2 sp Ovoloas -
— 3 sp Ovoloas -

ign - highly ornamental, Ovoloas -
ign - delicate - Ovoloas

epi — (his 42 Samoa & Tahiti) large caps common
in woods —

Arctangioid — caps appear triquet like Polygon
seed sessile, Ovulac —

Jungmannia — Ovulac —
— of long tailed of N. Sea Nuttall

Marchantia — seen on bank stream Naloa
laminis no spec —

Parmelia — Branch trees Raiua — Ovulac —

Sticta — trunks trees moist woods Ovulac —
" — perhaps? —

" — thin slate cold like Parmelia Ovulac —

Urena — branch Nuttall's heights &
Cenomyce — red tuft ground sandal wood
leaf —

Boletus — small thin on trunks Raiua —

" — of cinnabarinus Ovulac N. coast
Aster — leucos —

— small brown trunks Ovulac

— perhaps slip fur. 1st thin minute pores
blackish above white below Ovulac

— white satiny above sandal wood distinct

— ija-cup shaped pedunc orange Raiua —

Auricularia — circular thin silky above dull
white below, Ovulac — B —

Lycopodium — stellate receptacle, Ovulac
— naked base

Agaricus — the genus I think here
but no notice of it —

— but Trumella substrata (in apt's)
Ovulac. G. B. — 

