

1969

2287-2699

CRPT
 BOT
 Plowman
 003

Saultes
Tel #

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Specimens left in Quintos (I)
 (77)

[BOG = COL]

Σ

1969																				
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Reunits 2:

Tin FLOWMAN
BOTANICAL MUSEUM
HARVARD UNIV.

OXFORD STREET.

CAMBRIDGE.

MASSACHUSETTS

U.S.A.

The cool rain
dances across the
morning
suet tangle, loco

✓ labels

Leticia.

29 Enero 1969. ^{NW}~~NE~~
About 1 km ~~NE~~ of town along
dirt Road.
Helen Kennedy, Tom Lockwood, RES.

2287. Ficus

~~Col~~ K, US, S, F, FL, NY, GH
Tree 8 m tall in yard along
street in Leticia. Figs 1.5 cm in
diameter. Abundant milky juice.

2288. Ipomoea phillomega (Vell.) House

~~Col~~ GH, K, US det Ken Robertson 76
Herbaceous vine long
growing in tree tops in 2° growth
thicket. Corolla ^{rose-} pink.
Along field.

Leticia

2289. Borriflora

Bg
Herbaceous vine growing on low shrubs along road. Calyx inflated yellowish green, pink at base. Petals cream. Corona lavender blue ~~at~~ banded with white. Androgynophore greenish white. Ovary white, stigmas yellow.

2290. Axonopus

Gramineae

Bg, US, K, S, F

Herb to 2 m tall cultivated in field. forming dense mat. Stigmas purple.

✱

2291. STIGMAPHYLLON SINUATUM (DC.) Melpighi

Bg, GH, K, US, S, F

ADR, JUSS.

Vine (woody) growing on wood pile along road to brick factory. Petals yellow. Fruits green.

2292. Viguiera

GH, K, US, S, F, P, L, NY, M, LE

Tree 7 m. tall in Swampy area. Sepals creamy color, petals pubescent, creamy white. Fruit 2 capsule, green.

2293. Ficus

Col, K, US, S, F, P GH

Tree 6 m tall in marshy area. Figs green 3 cm in diameter. Milky juice in figs but not in stem.

2294. Utricularia

GH, K, US, S

Semi aquatic herbs in warm water Swamp. Flowers bright yellow.

2295. Habenaria bracteosa Orchid
OA.

Herb 1 m tall in swamp.
Water warm > 80° F. Overy green
(pale). Flowers white.

2296. Orthocladia laxa (L.) ^{Rich.} P. Beauv. Gramineae
Det. T. Soderstrom '72

K.S Grass 30 cm tall growing
near forest swamp. Habit
erect to creeping herb.

2297. Besleria aggregata (Mart.) Hanst. Gesneriaceae
Fitt (B. ignea Fritsch) - Det H.E. Moore, Jr. 14 MAR 74

Small shrub 1 m tall on edge of
forest. Calyx + corolla fleshy
bright orange. Leaves leathery.

Boj

Leticia

(Drees) Utrecht

2298. Costus zeylanicus (Loes.) Maas.

~~2298~~ det. Maas 1972

Herb 2.2 m tall. Leaves dark green above, lighter below. Bracts red at base, inside green toward tip. Callus yellow. ~~petals~~ white pink toward tip. L2 bellum pink with slight yellow central mark. Petaloid stamen white at base, pink at tip. Sepals crizeous red.

2299.

Araceae

2m.

Herb growing in woodland swamp, base in water. Few leaves at top of long slender stalk.

2300. Anthurium. BREVISCAPUM KUNTH

GH, K, F
~~2300~~ DET. T. CROAT 2000

Herb 1 m tall on old stump in forest. Spathe green, lax. Spadix nearly black.

Laticin

Violaceae

2301.

Bog, GH, K, US

Shrub 2 m tall on edge of forest near clearing. Petals yellow to white.

2302. Philodendron

GH, K, US F

~~#~~ Climbing herb 7 m tall at edge of forest near clearing. Winged petiole. Spathe green outside, nearly white inside and marked with dark red glandular secretions. Spathe greenish beneath ♀ leaves above ♂.

2303. Celesthen aff. excapa

Mercuriales

Bog, K, US

Herb 0.3 to 1.0 m in woodland swamps. Bracts green. Flowers yellow. Leaves lighter green beneath. Pappus brownish. Small tubers formed on roots 2 cm long x 1 cm wide.

may have > 1 inflorescence.

2304. Ischnosiphon gracilis (Rudge) Koern. Marantaceae

Col. GH, K, US, S, F, P, det HK.

~~HK~~ Vine to 4 m tall in forest.

2304 Ischnosiphon
puberulus var. scaber
(Peters.) Andersson.
det. L. Andersson

Las. Leaves
color on both
forest. Open flowers.

2305. Ischnosiphon

rotundifolius (P. & E.) Koern. Marantaceae

~~Boys~~ Vine up to 6 m. tall on tree.

Flowers yellow. Leaves deep
green both sides. Glossy on
back. Bracts green. Pappus
dark green. Petiole lighter
green. Leaves hyaline at margin.

2306. Scaphyglottis Huebneri Schleich. Orchidaceae

Herb epiphytic on fallen trunk.
Flower pale orange to yellow,
small.

may have > 1 inflorescence.

2304. Ischnosiphon gracilis (Rudge) Koenig. Marantaceae

Col. G.H., K., U.S.S.R., P., det HK.

~~HK~~ Vine to 4 m tall in forest.

were 2 merillas. Leaves
early equal in color on both
vs. 2° growth forest. Open flowers.
Det. HK

2305. Ischnosiphon

Marantaceae

~~Bot~~ rotundifolius (P. & E.) Koenig

~~Boys~~ Vine up to 6 m. tall on tree.

Flowers yellow. Leaves deep
green both sides. Glossy on
back. Bracts green. Pith dark
green. Petiole lighter
green. Leaves by line at margin.

2306. Scaphyglottis Huebneri Schleich. Orchidaceae

Herb epiphytic on fallen trunk.
Flower pale orange to yellow,
small.

Laticia

2307. Ischnosiphon obliquus (Rudge) Koern.

Boeg. Darks

Herb 3 in tall in forest +
in cut over area. Leaves green
above white beneath. Infl.
~~un~~ pruinose, also petiole
Petals pink, outer staminate
yellowish. Peduncles dark
brown. Det. HK.

2308. Ischnosiphon aruma (Aubl.) Koern.

Boeg. Darks

Herb 2.5 m tall in forest
(swampy land). Leaves lighter
beneath. Pappus reddish
with red midrib below
fading with age. Infl. bracts
green, pruinose at base, petals
with red tip. Outer staminate
yellow. Fleshy staminate red.
Style reddish-pink.

Det. HK.

Leticia

2309. Clethra lutea Mey.

Davis

Herb 2.3 m tall. Bracts dark
maroon. Flowers pale yellow.
Petals ^{purple} brownish. Outer staminate
yellow. leaves lighter not white
below. Pulvinus brownish green.
Petiole light green.

Det. H.K.

foto

2310. Brumfelia ~~canadensis~~ ^{grandiflora} schultzei Glehnaceae

Shrub 4 m tall growing in
grass field along road to brick
factory 1 km. NW of town

© Calyx 7 mm long, corolla
tube 1.7 mm long, limb
3.0 cm across. Pouch coloring
mouth. Corolla riplet
fading white at maturity.
Fruit 2 capsule, brownish
smooth.

INPA, A, PH, K, US, S, F, P, NY, L, BIRM, MO
COL

31 ENERO 69.

2311. Sphaeroclea Zeylanica Gaertn.

Boj GH, K, US, S, F, P, L, NY, M, LE, MO

Isl de Rondz

5 km from Leticia along Rio Amazonas. Herb 1 m tall in mud along playa. Corolla white.

1 FEBRUARY. Rio AMAZONAS, above Leticia

2312. Sphaeroclea Zeylanica

F, ECOV, INPA, NY, MO, US, K, COL, HU4, RB, B, HUT

Herb 1 m tall growing in mud ~~on~~ ^{along} playa near Isl de Rondz. Base of plant spongy xerenchyma tissue.

Corolla white.

(A) → K

2313. Victoria amazonica

Nymph.

Spry GH, K, US, S

Aquatic herb growing in back wash from river 4 km from Leticia. Below Quebrada de Arara. leaves 1.5 m ^{outer} across. Calyx reddish-brown spiny. tepals smaller with red. Inner larger pure white grading into tepaloid stamens, pink

Beetle pollinated, feeding on disc
at base of stamens.

2314. Polygonum cf. portoricense Bert. ex Small

Boer
GH K, US, S, F

Aquatic herb 1 m above water,
thick hollow stems floating
in water.

2315. ^(Ludwigia)
Jussueua rotans
K
GH Floating aquatic.

2316. Salvinia

Boer
GH K

Floating aquatic.

2 FEBRERO 1969.

behind house of
Wandereraga

Rio Amazonas, mouth of Rio Iretoyacu, Ay

2317 ~~Souroubea~~ ichthyotoxica Dombeyaceae
* ~~Souroubea~~ ichthyotoxica Ait + Cuatrecasas

^{Boer} Tree 10 m tall in pasture near river. Hypocinthium tube green, petals yellow fleshy, red at throat, stamens yellow. Fruit green, 1.5 cm in diameter.
K, U.S., S, F, P, L, 104

Herbarium

2318. Souroubea pachyphylla Gilg. Margaritaceae
U.S., K, S, F, P

^{shrub} Epiphytic growing on tree in pasture, 7 m up into tree, much branched. Calyx gland orange, calyx pale orange, corolla yellow lobes recurved, anthers orange, filament pale orange. Fruit 2 berry green, 1.2 cm in diameter. Odor of ripe plum.

2319. Solanum sessiliflorum Dunal var. georgicum (R.E. Schult.)

^{Spiny} Herb 1.5 m tall in field (pasture) Fruit 2 berry, oblong, 4 cm long, 3 cm in diameter. Corolla creamy white, not reflexed.
K, U.S., S, F det. M. Noel 1982. Whole

2320. Solanum jamaicense Mill.

~~Box~~ GH, K, US, S, F, det. M. Nees 1979.

Spring Herb 1 m tall growing in cow

pasture near river. Calyx green, petals white, anthers bright yellow. Fruit 2 berry 8 mm in diameter, red 2 maturity, Oct

2321.

Marcgraviaceae

~~Box~~ GH, K, US, S, F, P, L

Epiphytic shrub 5 m tall on large tree in pasture. Calyx gland brownish green, buds dark purple brown.

2322. Polypodium percussum Cav. Polypodiaceae

~~Box~~ GH det. DSB 1971.

Herbaceous fern climbing on tree trunk in field.

K, US

Loretoya

2323. Polypodium ciliatum Willd. Polypodiaceae
Bay Small climbing fern on tree
trunk in pasture.
COL, G4 det. DSB 1971.

2324. Orchidaceae
COL, Ames Orch
Small epiphytic herb. Flowers
pale brown to pink.
~~Polypodiaceae~~

- 2325 Hevea brasiliensis
Bay K
Large tree 40 ft. tall growing
in pasture. Corolla yellow.

- 2326 Cuzthea Marantaceae
DAVIS
Herb 30 cm tall in
pasture at base of tree. Flowers
white. Infl. bracts dark maroon.
Light markings along midrib

Loretoya

2328. Herrania nitida (Poeppig) R.E. Schultes

Box ECON

det TCP

Small treelet 2 m tall in 2° forest. Flowers cauliflorous bright scarlet.

* Courantia spinulosa (Poepp. + Endl.) Cogn. det. C. Jeffrey 1978

2329. Courantia pachypoda Harms Cucurbitaceae det T. Plowman 1972

Box large
Vine herbaceous growing ~~in~~ in 2° growth in trees. Corolla fleshy bright orange. Anthers yellow.
ECON, INPA, BOG, K, US, SF

* Solanum

Solanum vanhuerckii
det. D. Costich 1982

2330. Solanum
Box A, ECON, LE, UC

K, US
Tree 8 m tall in 2° growth. Corolla bright violet. Stamens yellow. Fruit a large green berry 5 cm in diameter. Fruit turning black on cutting.

INPA, S

2331. Quisqualis poepigiana ^{Berg} Lecythidaceae
Col. ECON GH

Small tree to 5 m growing
in 2° growth near clearing.
Calyx green, Petals white.
Stamens white - Fruit
green

2332. Cyphomandra OBLIQUA (R + P.) SENDTN.
Bog GH, K, US, S, F, P, L, NY, M, LE, MO + 4 others DET. L. BOHS
1986

Small tree to 6 m tall in
2° growth. Corolla green.
Stamens white at anthesis.
Fruit a berry, ovoid, yellow
at maturity. Strong narcotic
odor.

2333. Aristolochia

Bog GH
K Vine in secondary growth.
Flower pale green outside.
Mottled cream and maroon on
lips and in throat of corolla.

Rio Amazonas below P. Nizinho

★
2334 Pellicourea condensata Rubiaceae
Bog (rn. Cerissa cesp.) Standl.
ECON Small tree 7m tall in 2°
K forest. Corolla and calyx
lavender pink. Hg. peduncles,
US, S ANDCO 2286

2335 Costus erythrocorne K. Sch. (Zingiberaceae)
Bog ~~Utrecht~~ det P. G. M. Maas 1972
ECON 3.2 m. high Bracts red, callus
K yellow, inside bract red to pale pink-white.
Calyx ~~pink~~ white with pink line between the
calyx teeth. Petals yellow. - corolla tube
yellow. Infl. ±.5-1m. from ground arising
directly from rhizome.

2336 Dimerocostus strobilaceus O. Ktze (Zingib.)
ECON ~~Davao~~ Utrecht Asp. appendiculatus Maas
3m. Bracts appendaged, green, calyx
light green. Corolla tube yellow, petals
yellow. Labellum yellow grading to white
in the throat

Utrecht

2337 Costus amazonicus (Loes.) Macbride (Zingiberaceae)

Bog: ~~Mullin~~ Asp. Krukovi Maas det PCM Maas. 9/72

Elev 3.5 m. high. Bracts green, callus light

Utrecht

K green, red inside bracts. Calyx red
flower petals pink to white. Labellum
outer lobes spreading red ^{purple} with yellow veins
central staminodes lobes small, yellow. Stamens
tinged w/ red at top. Flower 8 cm long.

Infl. arising from rhizome.

2338 Calathea inopla (Marantaceae)

GH Bog-Davis, K, US, S, F, P det ~~HK~~

2.8 m. Bracts brown disintegrating (^{fresh} ~~orange~~ color
~~not known~~). Capsules. red to bright pink.

Seeds dark blue, white aril. Seed 10 mm long
aril 3.5 high. Sepals 24 mm, floral tube 29 mm
ovary 4 mm. Petals, sepals, staminodes light cream
colored to white. Young bracts yellow ~~bracts~~
color.

(Ruiz et Pavon) Lindl.

2339 Calathea lateralis Marantaceae

GH 2.8 m. ^{3.3} Capsule orange, Bracts reddish-
brown. Infl. subtended by one lv. petiole 1.2 m.

Kills
S, F

infl. congested, bracts in whorls no peduncle,
sessile. Petals red-brown, outer staminodes yellow,
ovary 2.3 mm long. sepals pale yellow, translucent
9 mm. Floral tube 31 mm. petals 12 mm seeds

loretogreen

light grey-blue with white aril Det. HK.

2340 Calathea altissima (Poepp. et
G.H. Davis Endl.)

1-1.5 m. Bracts disintegrating shredded brown. Capsules orange. Lvs. green shiny on underside. Pulvinus darker green than petiole. Floral parts pale orange. Flower fragile. Sepals 11mm floral tube 17mm. petal 15mm. Fleshy triangular orange bract attached to ovary.

Det. H.K.

2341 Calathea ^{f.} altissima (Poepp. et
Booby-Davis G.H., K., U.S., A. Endl.)

1-1.5 m Bracts disintegrating - bracts hair-like. Capsules ^{brown-} orange. Lvs. shiny green beneath. Floral parts pale orange-apricot. may be older specimens of 2340.

2342 Calathea attenuata Kennedy
Davis det. H. Kennedy 1984

.7-1.5m. lv. dark green above lighter, below. Pulvinus purple-brown. Green

bracts. Calyx white. Inflorescence of
pl. near ground.

2343 Calathea capitata ^{(R.+P.) Lindl.}
~~col. =~~ GH, K, U.

Green bracts - sterile bracts at top. Sepals
green, petals light apricot, outer staminodes
purple, cuculum purple fleshy or purple with
red and white in throat - protrusion on staminode
peduncle reddish lv. shiny above lighter
below.

Det. H.K.

3 febrero 1969 ^{upland} Forest 2km from Loretozca
near P. Nariño, behind Wandersago house.
1 km upriver

2344 Monstera obliqua Miq. Araceae
GH ~~det~~ K F det. Madison 1975.
Epiphytic herb to 1 m climbing
on tree. Spathe green, spadix
yellow - immature. In forest.

Loreto yacu

Back of Wandurragi's

2345 Balanophora

GH Bog

~~GH~~ Parasitic herb on forest floor. Peduncle reddish brown, Infl. head orange, flowers cream.

Econ, GH, K, US, S ANDCO 2287

2346. Virola corymbosa (Spruce ex Bert.) Warburg

* Bog "Cumela blanca" Tree 20 m. in forest (primary).

(Leaves dark green above, pale beneath. Bark red, resin red. (Large leaf?))

Econ * Dislyanthura cf. parviflora Mart. det RES 1969

2347 Trypanthera. ANDCO 2288

Bog "Cumela roja" GH Econ, K, US Tree 20 m tall in forest. Leaves dark green above, pale with brownish hairs beneath. Fruits light green, shiny, aromatic to 5 cm in diameter.

Dieffenbachia

Araceae

2348. ~~Stenospermation~~

GH K, US F

~~Herb~~ Terrestrial herb to 1 m tall near stream in hilly primary forest. Spathe green (light). Sep in stem has very strong odor of skunk.

2349. Dieffenbachia cf. parvifolia Engl.

Col K, US F det Kew

~~Herb~~ Herb in forest to .80 m tall near stream in primary forest. Leaves thick membranaceous. Spathe dark green.

→ Xanthosoma pubescens Poeppig. det. M. Madison 1982

2350. Colodium pubescens N.E. Brown Araceae

GH K F det Kew 1978.

~~Herb~~ Terrestrial herb in forest. Spathe green, spadix creamy white.

Loretayacu

Homalomena cf. picturata (Linden et André) Regel

2351. ~~Caladium~~

GH K, US F

det Kew
(NOT CF. R. WUNDERLICH 1990)

Herb 75 cm tall in forest.

Leaves dark green paler beneath. Spathe dark reddish brown.

2352. Calathea illustris

Bog K

Herb 0.3 m tall. Leaf purple beneath above dark green with lighter green markings. White outline ^{markings} near margin. also young ones w/ pink out line.

2353. Calathea attenuata Kennedy

Davis GH

det. H. Kennedy 1984.

Herb 1.5 m in forest. Leaf dark green above pale + pubescent below. Pulvinus red brown. Infl. near ground: Bracts green. (some tinged w/ purple) Flower white.

2354. Caltha altissima Popp et Endb.

Bag-Davis, K

GH Herbs 0.8 ^{1.5} m tall. Bracts brown shredded, deteriorating. Leaf dark green above, slightly lighter below, shiny.

Det. HK!

2355. Ichnosiphon

Davis

Woody herb 2 m tall in forest. Bracts green, prowing at base. Leaf green, paler beneath. Pulvinus brown. Leaves crowded at node.

2356. Ficus

Bag K, US, S, F

GH Tree epiphytic on other tree on hillside pasture.

~~Tree epiphytic on other tree~~ leaves coriaceous. Figs small about 0.5 cm in diameter. Abundant milky juice.

Coretogyne

2357. ~~Crotus~~ Dimorcostus strobilaceus A. Ktze.
~~Davis~~ Utrecht ssp. appendiculatus Maas.

Herb 2.2 m tall near edge of forest. Petals ^{pale} yellow, 12 bellum pale yellow. Sepals green.

det. PCM Maas. 1972

2358. Calzhea
Davis

Herb seedling in forest. white pattern ~~of~~ on leaf.

2359. Schlegelia roseiflora Ducke ^{Bignoniaceae}
GH COL ~~USA~~ R, US, S, F, P, L, NY ~~Lauraceae~~
17

Epiphytic shrub growing on tree in pastureland. Corolla pink. Fruit red about 0.8 cm in diameter. Leaves very coriaceous, dark above, light beneath.

det. A. Gentry 1980.

2360. Pollalesta discolor (HBK.) Compositae
Col, Aristeguieta det. E. Zardini 1947.
GH
Tree 8 m tall in pasture land near forest. Involucre light green, flowers white.

2361. Ficus
Col, K, US, S, F
GH (large spreading tree 15 m tall in field. Figs small about 4 mm in diameter. Abundant milky juice.

2362. Coussapoa
Boq GH, K, US, S, F, P, L
Epiphytic shrub on Ficus (2361)
3 m tall. Leaves dark green above, pale beneath. Inflorescence brown-green.

2363. Clusia Decapetalangium peruvianum
Melch.
Bog GH, K, US

Large epiphytic shrub 6 m.
tall. Leaves leathery coriaceous.
Petals ^{flesh of} pale pink orange. Stems
yellow waxy.

det. P. F. Stevens 1987.

★ V Econ

ANDCO 2289

2364. Tabernaemontana sananho.

m. "sananho")

BA
GH
K 2 long river. Treelet 4 m tall in 2° growth
Leaves dark green
above, shining; pale + dull beneath.
Fruits green 4 cm long, 2 cm
in diameter, bi-ribbed, paired.
Abundant milky juice.

2365. Ormosia amazonica

★ Col, Econ, K var. venenifera

Tree 15 m. growing near
house along Rio Lovetoyacu.
Leaves dark green above, yellowish ~~stems~~ beneath. Seeds bright
red-orange with black.

RA

2366. Ficus.

K, US, S GH 1641.

Large epiphytic strangler along river on other tree. Figs 0.8 cm in diameter.

4 FEBRUARY 1969. Loretozacu.

2367. Senefeldera?

~~Euphorbiaceae~~

Boj

Bejuco

GH F Small tree 20 ft. tall. Sepals wine red, peduncle red. Young leaves pink when first appearing. Near church at Puerto Nativitas.

3 km up Loretozacu.

2368. Mimosa cf. pigra L.

Mimosaceae

ECOL, COL. K, US, S F, P, L det V. Rudd

GH Large shrub 4m. growing along river side in water. Calyx and corolla pale green stamens white, filament spatulate. gold hairs on fruit - fruit green.

Cayaponia cruegeri (Naud.) Cogn.
det. C. Jeffrey 1979

* v #
2369 Cayaponia glandulosa (Poepp. & Endl.) Cogn. Cucurbit US, S
Br. = jabarú. Fr. boiled chopped up, water drunk for liver K, F, P
Vine up to 20 m. - long tangled vine COL
forming secondary thicket along river
edge. Fruit ^{3.7} 4 cm x 2.3 Calyx green (tube)
petals green fleshy. ~~Monocious~~ Monocious
pollen grains large, Gland at base of ^{1/♂ + ♀ fl's.}
lv. 3 stamens in ♂ fl. Fr. ripens red.
ECON, GH, INPA, K

2370 Prestonia? (Apocynaceae)
Boq GH, K, US, F, S, P, L, NY, M, LE, MO +2

Woody vine on veg. along (in) river.
3m. small bracts at base of pedicel.
Fruit 11 cm long x 6 cm. Calyx green tinged
w/purple. Corolla lobes dark purple tube lighter
to green at base. White milky latex.

Boq
2371 Tabernaemontana sananho (Apocyn)

"sanango"
Near river at edge of forest. 4m.
Milky juice, abundant. Lvs. dark gr.
above shiny. Flowers white, calyx
light green-white.

K, US, S, F, P

Loretoyacu

Bq

★ Econ.

angusta Miguel

~~2371~~

2372. *Vismia ~~phichirina~~* Gutiferus

→ Sp. *phichirina* laere (Pav.) brown.

60-70ft. Tree. Bright red bark.

latex used against skin fungi and herpes.

Several applications on skin. Tree

w/ thin bark. Young lvs. covered w/

deciduous hairs. Bark yellowish brown

inside. Latex orange-red. Lvs. rusty

colored below.

ECON, GH, K

★

2373 *Virola theiodora* Wrb. det W. Rodrigues

Sp. cumalau Br. uguuba

1971

Tree 75ft. tall. Lvs. white beneath

Bark thick reddish-brown outside,

roughish. Red inside. Latex thick, red.

ECON, GH, K, US ANDCO 2290

Bulk: ECON

★

2374 *Psychotria acuminata* Benth. (Rubiaceae)

sm. shrub in undergrowth.

Col. immature fr. light green 2mm in diam.

GH
ECON Vn. coral cesp. ANDCO 2291

2375 *Salacia gigantea* Loes.

Bq GH, K, US, F, P, L, T, Y

Hippocrateae.

Tree 7m. Flowers centiflorous fleshy-

pale yellow. Fruit a berry, green +

white striped, 4cm in diameter.
Leaves thick coriaceous. Seeds with
rust inside

*
2376 Malouetia tamaguerina (Aubl.) A. DC. (Apocyn.)
20m. Tree infst. along river.
Lowland area! Fruits green, long.
GH, INPA,

2377 Salpinga secunda Schr. & Mart. Melastom.
Lis. Bog det. J. J. Wurdack 1972 ex DC.
GH (Lvs. slightly fleshy) Small shrub 1.5
m. Calyx rodish petals white
stamens yellow + white, ~~stamens~~
connective pink. Deep woods growing
on rotten logs.

2378 Adiantum latifolium Lam. (Fil.
Bog GH det. DSB 1971.
Fern .3m Deep fst. floor.

Bog
2379 Heisteria acuminata (H+B) Engler / Olacaceae
GH Bush 3m. fruit green w/ bright red
bract below. det. Steumer 1983.



Boag

2380

Araceae

Epiphytic climbing herb. no fl's.

2381. Koelersteinia graminea

Orchidaceae

(Lindl.) R. Br.

Herb, 25 m sepals creme colored with red markings at base Labellum white yellow in center w/ red^{brown} markings (lines). Labellum flexible.

2382

Anthurium

Araceae

Herb - epiphyte on stone
Spadix green (pale) hanging down against peduncle. Spade redish br.

2383. Calathea aff. densa

Mar

Davis

HK

Herb, 4-5m. Bracts red brown light pattern on midrib - bordered by dark green - lighter green at margin
~~petiole~~ pulvinus br.-gr.

white-pale yellow at tip 26 mm. long.
outer stamens node ~~white~~. Cuculum pale yellow at tip.
fleshy stamens pale yellow w/ petaloid appendage
stamen very petaloid - light yellow also.

Bag 2384 *Ichnosiphon grandibracteatus* Loes.
K, US, S, F det. L. Andersson 1978) Mex.

GH 6m Woody herb. Leaves clustered at nodes. Stem like a bamboo. leafless sheaths at nodes w/ urticating hairs - hairs dark brown - also on lv. sheaths.

Pulvinus dark-green to coffee color.

Very exquisite plant!!! Lvs. dark shiny green above lighter below. Growing in fst. in small stand together. Well shaded / Comes from older rhizome like bamboo - i.e. first 3-4 nodes 3m +

no lvs. just "lv. sheath at each node. Ovary 6mm.

densely covered w/ silver-bronze hairs (brn) Calyx red 20-21.5mm. Tube 43mm
red at base → white. Corolla lobes 24mm. petals white cov. w/ hairs

2385 *Heliconia*

Musaceae

Herb 3m. infl. pendant phyllotaxis of bracts spiral Bracts red, green at tip, ~~dark~~ Sepals ~~light green~~ fl. light green.

red

In deep fst. Stung by wasp while collecting this plant.

lv. cups in at top - not in one plane -

Bag Utrecht

Oxandra leucodermis (Spruce) Warming Arnona sae?

2386 - ~~Guatemala~~ det. J. van Rosden 1978. Hydro

GH Bog, K, US, S, F

Small tree 5m. along river bank growing in water. ~~Fruit~~ Fruit black when mature (young fr. red → greenish) green → yellow → red → black.

2387 ARDISIA ?

Myrsin

GH S. Bog, K, US

(Eco) Small tree 5m. along river bank growing in fl. b. Fruit black when mature [young → mature: green → red → black]

2388 Orthocladia laxa (L. Rich) Beauv. Gramineae

K, S, Bog US. det. T. Soderstrom 1972

Herb-grass .5-.7m. long (rhizome) runner rooting at the nodes. In deep fd.

2389

Lichenes.

Thallus pale grey green growing on old Bauhinia lizna. Wet papery.

Just above 1 km. 4 FEB

Puerto Nariño near House of Wanderraga.
2390. Pleurothallis ciliata Rupel Orchidaceae
et Westc.

Epiphytic herb on tree in field.
Flowers reddish brown, 2 bellum
reddish brown.

2391. Trichomanes diversifrons (Borg.) Mett.

Borg GH. det DSB 1971.

Terrestrial fern on forest
floor in primary forest 1 km
in from river. Dark green, papery.

★ 2392. Inyauthera f. Ulei Wart. det. U. Rodriguez 1971.

Virola ~~(Myrt.)~~ (Myrt.)

vn. Cumala. (~~blanca~~) ~~de la cordillera~~
blanca delgada

Tree 25m lvs. shiny green above &
light green below. Old secondary forest
Bark bright red.

EUN, GH, K, US

ANDCO 2292

Other bulk 2392 Cumala blanca given

2393 Passiflora ANDCO # 2302 = voucher in question Passifloraceae

GH Borg

Vine - along fence row

Bracts pink ~~petals~~ ^{sepals} white.

Stamens column white. Petals white.

Corolla purple banded w/ white.

Loretto yacu

2394 *Erythroxylon*?

Shrub - 2.5m. In woods upriver
± 3 Km.

~~2395~~

~~Herb 1.5m~~

~~Herb 1.5m~~ 3 Enero 1969

Across River from Puerto Nariño - pasture
Land

2395 - *Kyllinga pumila* Michx.

^{COL}
₂₀₉ det. G. Tucker 1985.

Sedge .25 meters On semi-pasture
area on bank above river soil slightly clayey

2396 *Cyperus surinamensis* Rottb.

^{GH} ^{COL} ^K ^{US} det. G. Tucker 1985.

^{ECON} Sedge .5m flowers green growing
in clumps. Habitat as above.

2397 *Fimbristylis*

^{GH} ^{COL}

Sedge .4 meters 'flowers' brown.

Loretapan

2398 Cyperus ^{imbricatus Retzius} ~~#~~ Cyperac.
 GH Sedge .4-.5m 'fl' green
 Econ Bog det. G. Tucker 1985.

2399 Cyperus luzulae (L.) Retz. Cyperac.
 GH K US S
 Econ Sedge .3-.5m spikelets whitish-green
 growing in clumps. det. G. Tucker 1985.
 Bog

2400 Cyperus ^{odoratus L.} ~~ferox~~ Cyperac.
 GH, K, US, S, P, P, L, NY, M
 Econ Sedge .3-.6m Spikelets green-tan
 younger ones smaller and more yellow-
 green in color - older larger (longer & more
 tan) det. G. Tucker 1985.
 Bog

2401 Comp.

Herb. .25m. Flowers yellow

Bog

~~2401/20.~~



2402 Physalis

Sol.

GH K, US, S

Herb .3 m flower - corolla pale yellow
stamens greenish purple. Acrescent
calyx green w/ purple veins.

Bog

2403 Solanum

(Solanaceae)

GH Bog

Herb .2 m Corolla white anthers
yellow. Imm. fr. green

5 Febrero 2 km down from P. Neriño
Rio Amazonas.

2404. Brumfelsia grandiflora subsp. Schultesii Plowman
Sürengo

(1) Small tree 4-5 m. tall in

small clearing. Leaves dark green
above, slightly shiny, slightly paler beneath.

Pedical 4 mm. → pendulous.

Calyx 1.3 mm long, teeth 2 mm.

Corolla tube 25 mm, limb 35 mm

~~Color~~ Color violet turning white

Loretayacu

after time.

Fruit = Capsule to 15 mm shiny green, some with lenticel (corky outgrowths).

Voucher for Chromosome Count $n=11$.

Ⓐ → K

2405. Brumfelsia

"Senzango"

A MICH MGT Tree in forest (2°) 4 m tall

Wheena trail 0.5 km from Rio Amazonas. Trunk at ground 12 cm in diameter branching at 30 cm up to about 9 smaller trunks 5 cm diameter. Branches arched. Calyx 1.1 cm, Corolla tube 2.5 cm, limb 4.0 cm across

RB-2

grandiflora

2406. Brumfelsia bandora (Vell.) Macbride

"Senzango" var. schultesii Ploegman

Tree 4 m tall in old 2° forest. Trunk 7 cm. Leaves dark green not shiny, not pendulous. Calyx light green slightly inflated, 1.1 cm long. Corolla tube 2.5 cm long, limb 3.5 cm across,

pale violet. Mouth of tube 3 mm long
white disc 4 cm diameter.

BIRM, MO, U, US, S, P, K, NY, GH, F
BH, IAW

★ *grandiflora* - var. *schultzei*
do

2407. Brumfielia

F " *Senzing*

Tree (shrub) 4-5 m tall in open
forest (with *Heliconia*, *Xanthosoma*,
small trees), forming nearly pure stand
of about 10-15 trees - others scattered
through woods nearby. Pedicels 3 mm long.
Calyx slightly inflated, about 1 cm long. Corolla
tube 2.3 cm long, limb about 2.5 cm long.
Color violet.

CTES
VEN
QCA
CAS

Syngonium

2408. ~~*Philodendron*~~

GH K F

Climbing herb 1 m tall on rock
log. Bottom of spathe green or
closed, upper part white.
Spadix white. Abundant milky
juice. In forest.

Flowers on branch tips near
top of plant. Corolla violet, tube
2.4 cm long, limb 3.5 cm across.

Puerto Navarro

2409. Anthurium polyschistum R.E. Schult et
GTH ~~VEN~~ ~~Boq~~ K F Idrobo

Climbing herb on tree in 2° forest. Spadix greenish white spathe light green, pendant.

2410. Thelypteris dentata (Forsk.) E.P. St. John
Boq, GTH det DSB 1971

Herbaceous fern to 1 m tall on forest floor.

2410a. Thelypteris coarctata (Kze.) Tryon
GTH Same data as 2410. DSB 1971.

2411. Sesuvilla exaltata (Kunze) Spring.
Boq GTH det. DSB 1971.

Herb creeping along ground and through underbrush.

2412. Dracontium

Araceae

GTH ~~VEN~~ Boq
Large single leaf 1.5 m tall in forest.

2413. Solanum

GH Bog

Shrub 3 m tall in 2° growth
thicket. Petals creamy white.
Immature fruit green.

2414. Sphenoclea zeylanica Gaertn.

GH Bog, K, US, S, F

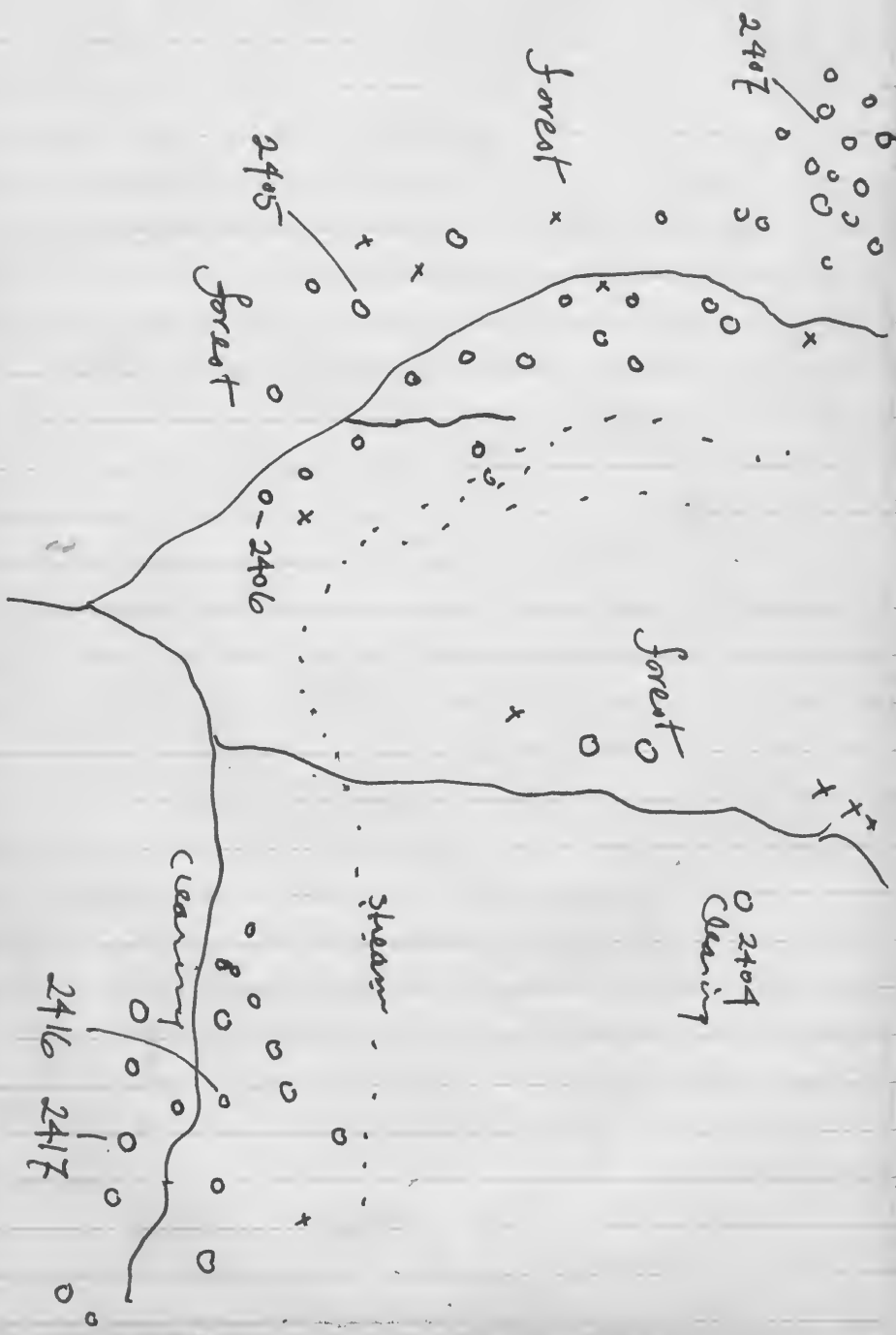
Herb growing in mud along river.
0.6 m tall. Flower heads green.
Petals white.

6 febrero 1969. Rio Amazonas near
Puerto Nariño

2415. Brunfelsia grandiflora
"Suzungo"

Small tree 4 m tall growing near
edge of high mud cliff - in forest
overlooking Rio Amazonas about 3 kms.
down from P. Nariño. Trunk 10 cm.

Leaves dark green, dull, lying
in one plane at least on lower bran-
ches. Laxer leaves!



Corolla violet → white

flowers at tips of upper branches.
Corolla violet tube 2.1 cm long,
limb 3.5 cm across. Center
spot at throat yellow, turning brown.
~~Fruit~~ Fruit bright green shiny.
Subrotund to ^{broadly}obovoid 1.3 cm in
diameter, 1.1 cm long. Wounded
tissue on fruit caused by piercing
by orange bug.
GT K US B F PC NY M TE MO RB UC

2 km down river from P. Nazimó.

2416 Brunfelsia

IAN var. "Scharzinger"

K Shrub 3 m tall growing in
clearing on top of hill overlooking
river. Growing in full sun.

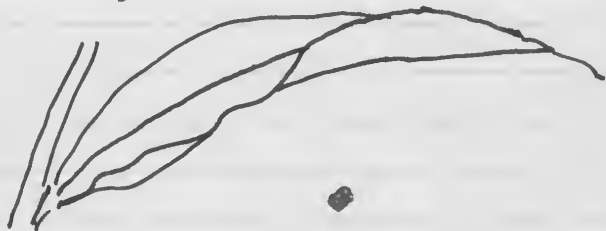
Calyx inflated toward the tip
1.1 cm long. Corolla tube 2.5 cm long
limb to 3.5 cm across. Pale
violet turning white with
maturation. Mouth of tube white
with yellow color, turning brown
with age.

Fruits light green shiny 1.3 cm
across 1.1 cm long. Wounded tissue
formed by Hemiptera.

Some fruit clusters with ant
nests and white epids.

Upper leaves infested with orange
galls containing white larvae.

Leaves forming acute angle
with stem, tending to fold
at center, curved along margin



247. *Brouffelsia*

IAW
AAU
Shrub at edge of clearing 3
m tall.

~~AAU~~
AAU

Querto Narino

2418 ~~Jussiaea~~ Ludwigia latifolia Onagr.
GH Bog, K, US (Benth.) Hom.

Herb growing in mud along river
.5 m. Lvs. dull green above light
green below. Calyx lobes green Petals
yellow, stigma light yellow. Capsule
green

Bog

2419 Calathea Marantac

Herbs growing in deep fst. Series
of lvs. showing trans. of lv. colors
from juvenile to near mature - mature
lacks such markings.

2420 Geophila macropoda (R+P) DC Rubiaceae
GH ~~Bog~~ Col K

Herb growing on ground - prostrate
in fst. Calyx green (calyx tube - redish)
corolla white. Fruit, berry, black shiny -

2

2421 Passiflora vespertila L. (Passif.)
GH Bog K US SF Econ

Vine 3.5 m. Growing on thicket along
riverside. Calyx semi fleshy white on inner

surface green on outer side or stripe of green bordered by white. Petals white. Corona two layered - outer thin filaments, white inner, fleshy white like an accordion. fil. green with small red line near junction of anther, gynophore purple stigma green. Fruit 2 cm diam. green (~~immature~~)

2422 Solanum

Solan.

GH Bog

Vine, straggly, Petals white tipped w/violet. Petals erect not recurved.

2423. Cissus GONGYLODES (BURCHELL Vitaceae

GH Bog KUS SFP EX BAKER) PLANCHON
DET. J.A. LOMBARDI II/1994

Vine, growing on trees along river 10m. Petals small yellow. ~~Fruit~~

Receptacle light green ovary yellow turns green after pollination. Disc light green

upper & lower pulvini red, stem red. Fruit - green (pos. immature) Tendrils red.

Stm. square

Loretoyacu
L. f. #

2424 Adiantum pulverulentum L. Fil.

Bay GH det DSB 1971.

Fern .35m growing on a bank
along a trail in the forest.

2425 Diplazium Aubignium Raddi Fil.

Bay GH det DSB 1971

Fern, stalk ± .8 m - fronds 10 free
pinnae + top.

2426 Pteris altissima Poir.

Bay GH det DSB 1971.

Fern, rachis w/ 7 pinnae on each side

2427 Trichipteris nigra (Mart.) Tryon
Boy
Tree Fern
13 pinnae per side alt.
plus tip. Trunk 2m. Fronds 3m.
det DSB 1971.

2428 Sanchezia pennellii Leonard (Acanthaceae)
US Herb det DeWasshausen Sept 1972
GH Herb 3m. tall Bracts red
corolla yellow stamens yellow

2429 Costus amazonicus (Loes.) Mez (Zingiberaceae)
GH Col ~~Utrecht~~ Utrecht Asp. Krukovi Maas det. P. M. Maas 1972
Herbaceous perennial 2.5-3m. Bracts
green, callus light green. Infl. arising
from rhizome about .5m from ground.
Inside bracts ~~red~~. "labellum" pink-red
w/ yellow veins - outer fused stamens reflexed
central ones small yellow stamen tip is
red base whitish. Bee pollinated. calyx red
Fl. 7-8cm long. Voucher specimens for
bee.

Loretoyacu

3 km from mouth of Loretoyacu.

2430 Mesdanzlia

Orchidaceae

Epiphytic herb growing on rotten stump in forest. Flower a dull pink.

2431. Plurothallus Grobyi Lindl. Orchidaceae.

Det. LA Garay.

Tiny epiphytic herb growing on rotten stump in forest near clearing. Buds yellow.

~~2432~~ ²⁴³² Guastavia Peppigiana Lecythidaceae

var. Chope Berg

* Tree 7m. Dark gr. shiny lvs. Petals white, stamens yellow. Fruit green seeds germinating within ripe fruit.

~~Smells like Smilax with this mixed up?~~

Wanderraga's house 1 km from P. Nerius on Rio Loretoyacu

2433 Polystachya flavocens (Bl.) J. J. Sm. Orchidaceae

Epiphytic orchid in crotch of tree

Behind Wandurragai

Flowers yellow

~~1/2 m. tall~~ ~~1/2 m. tall~~ ~~1/2 m. tall~~ ~~1/2 m. tall~~

2434 Epidendrum Sulcatum Orchidaceae
det L. Garay. Andes

Epiphytic on trunk of tree. Sepals red-br. Labellum darker brown, rostrum reddish, pollinium yellow.

Trypethera cf. Ulei Warburg.
2435 (Viola) det W. Rodriguez 1971 Myristica
Bog ECON INPA

Tree 20m. Lvs. green on both sides. Smaller tree than # 2436 sterile.

2436 Viola calophylla (Spruce) Benth.
Bog ECON det TP 1971. Warburg
Tree 20m. INPA
Fruit - 2 valued capsule light green.

Leticia

woody capsule.

(I) send labels to Iquitos Univ.

LETICIA - 8 FEBRUARY

~~about 7 km from town (south)~~
~~in forest near junction of road.~~

2437. Averrhoa carambola L.

(I) "Vn, Carambola"

Small tree 3m tall growing in main plaza of Leticia. Calyx red, petals pale pink beneath, deeper pink above. Fruit green, orange at maturity.

7 km N from Leticia near road.

2438. Piper nigrum

(I) "pimienta" K, US, S, F

Cultivated vine growing in farm. Flowers inflorescence yellow, fruit green.

2439. Solanum rugosum Dunal det. M. Nee 1979.

(I) Shrub 3m tall in meadow along road. Corolla white, nearly closed. Fruit a small grey berry.

GH

2440. Ischnosiphon cf. obliquus

(I) Davis GH, K, US

woody herb 3 to 4 m tall in upland forest. Petals pale yellow, pale orange toward tips. Stamens pale yellow orange. Petiole light green. Pulvinus + midvein light tan. Leaves medium green above, very pale beneath.

*
2441. Psychotria decuminata Benth.

GH vn. Tahuampa Caspi

^{KUS} Small shrub to 1.5 m in upland forest. Peduncle dark purple, fruits (immature?) green.

det. D. Simpson 1977. ANDCO 2293

2442 Salzmannia appressum Roe

GH K. det. M. Nee 1982.

Herb growing in pepper field about 1 m tall. Corolla pale violet lobes slightly reflexed. Anthers bright yellow.

Leticia

2443. Urospatha

(I) GH, ~~VEN~~ F

Herb with leaves 2.5 m tall in swampy area in forest. Petioles mottled green + brown like 2 juvaks. Spathe green outside, creamy white inside. Fruiting spadix green.

2444. Philodendron tenuipes Engf.

(I) GH, ~~VEN~~ K, F det Kew

Epiphytic herb on side of tree - 1 m tall. Leaves thick membranaceous. Spathe light green with light veins. Spathe white with red sep just beneath ♂ flowers.

→ Philodendron linnæi Kunth det T. Croat 1982.

2445. Philodendron nobile Bull.

GH, ~~VEN~~ K, US det Kew 1975

Epiphytic herb on side of tree 1/4 m tall. Leaves 'leathery'. Spathe enclosing the spadix, red at ♀ part, green pale above with red spots. Spadix pink beneath ♀, sterile center portion and upper ♂ part white. Plant with yellow milky juice.

2446 Philodendron ACUTIFOLIUM K. KRAUSE

GH, ~~USA~~, K F

DET. T. CROAT 1998

Epiphytic herb on side of tree
1.5 m tall. Leaves long, lustrous.
Spathe creamy white, spadix
creamy white. Leaf colorless
juice.

2447 Anthurium RUBRINERVIVUM (LINK.) C. DOD

GH, ~~USA~~, K F

DET. T. CROAT 2000

Herb 0.5-1 m tall on ground
in forest (perhaps fallen
from trees). Spathe light
green, reflexed downward.
Spadix tan becoming green
in fruit.

2448 Monotagma juruanum L. Marantaceae

(I) K, US det. H. Kennedy, 1971.

GH Herb 1.5 m tall in forest,
forming large clumps. Leaves
dark green above, pale beneath.
Bracts dark yellow brown. Flowers
bright pink orange. Pulvinus
dark green.

Leficia

2449. Psychotria macrophylla R. & P. Rubiaceae
GH det. D. Sumpson 1972.

Herb 1 m tall in forest. Corolla tube white, stamens white. Berries bright red orange at maturity.

2450. Anthurium aureum Engl.
GH F det. T. Croat 1980.

Herb 0.5 m tall growing on fallen log. Spathe light green erect. Spadix off white when young becoming dark green in fruit. Berries light green.

2451. Asplenium angustum Swartz
GH det. DSB 1971.

Terrestrial fern on forest floor.

2452. Tectaria incisa Cav.

(I) det DSB 1971. G.H, Iquitos
Woody fern climbing on
tree trunks. Dark forest, 2 m.
tall.

Amazonas, Perú, 10 FEB.

Brazuelo de ^{Alturo} ~~Maro~~. Halfway between Leticia
and Iquitos.

2453. Jatropha Culcas

(I) vn. "piñon"

A-JP Shrub 2.5 m tall in Indian
houseyard. Sepals green, petals
green. Fruit yellow at maturity.
Petals reflexed (recurved). Cloudy
juice.

Seeds a very strong purgative.

2454. Wedelia trilobata

Compositae

(I) un "agrion bravo" (Port.) "yamú" (Brazilian)

G.H, K Weedy herb growing along river.

US
S Extremely common. Ray florets
yellow or orange. Tube florets yellow
orange.

used (the flower) for the liver.

PEBAS

A tea made from whole plant is used for gonorrhoea

2455. Coix lacrymarum-jobi Gramineae.

(I) M. Trigo africano (sp.) mitahola (Port.)

K. us Herb in house yard 3 m tall.

Fruits white at maturity, stigmas purple.

uso: for chicken feed.

11 FEBRUARY PEBAS, PERU.

2456. Anomospermum reticulatum Menispermaceae

GH K. us (Mart.) Eichler sup. reticulatum

Woody vine growing in tree along fence row. 3 Petals thick fleshy, pale yellow. Stems 6, in triangular pattern.

det Kubhoff 1976.

PUCA - ORQUILLA

Chari sanango

uso: se toma para tener fuerza a la luna nueva. herb is mixed with cold water.

AMPAYACU

2 km above PUCUORQUILLA

2457. Capsicum chinense Jacq.

(I) vn. zji bravo det. B. Pickersgill 1972

K Herb 1 m tall in garden of
india house ^{2 km} above Pucor-
quilla. Petals creamy white.
anthers blue green. Fruit a
berry 1.5 cm in diameter.
Red at maturity, very hot.

2458. Capsicum chinense Jacq.

(I) vn. zji dulce det. B. Pickersgill

K Herb 1.5 m tall in garden
of india house. Petals creamy
yellow to white, anthers
bluish. fruit sweet, bright
red at maturity.

2459. Solanum sessiliflorum Dunal var. sessiliflorum

(I) vn. corona chica Gt, K, US, ^U S det. M. Noel 1982

Gt. Herb 1 m tall in yuca
field. Petals pale green
anthers yellow. Fruit spheroid
dark ~~with~~ red at maturity
(green → yellow → orange → red).

Spineless. Fruits w. deciduous hairs,

Ampelifera

3.2 cm in diameter at maturity.
Edible. sessiflorum Dunal var. sessiflorum

2460 Solanum K, USM, US, S, F

(I) GH vn. cocona grande

Herb 1 m tall in field near Indian (wife's) house. Corolla very pale green, anthers yellow. Fruit large apple-shaped, 8 cm long, 7 cm diameter, orange. Hairs irritating. Fruit edible.

2461. Solanum oppositifolium R. + P.

GH vn. motelo Senecio hembra

K Shrub 1.5 m tall in forest along trail. Immature fruits green. det. S. Knapp 1985.

2462 Cyphomandra

(I) GH, K, USM, US

Small tree in forest 4 m tall. Fruits pendulous, pyriform pale green (immature)

2463 Coffea longibracteolata Maas
GH Utrecht det. Maas 1972

K Herb in forest 3 m tall, pale
(bases cent. long etc). Petals ~~white~~ yellow
hyaline. Staminate hyaline ~~AAAAA~~
with bright rose toward tip. Stamens
white just fringed with rose pink
at tip. Sepals red. Bracts bright
green ~~above~~ at tip, red on inside
(upper) surface, Buds yellow.

2464 Coffea erythrocorone K. Sch.
cf. amazonica det P.G.M. Maas 1972
~~GH Utrecht~~ GH

Herb in forest 3 m tall growing
contingent to 2463. Bracts
bright red, peduncle maroon.
Sepals ~~white~~ white, Corolla bright
yellow.

2465 Anthurium
Epiphytic F. GH, ~~GH~~

Herb $\frac{1}{3}$ m tall on fallen
log in 2^o growth area. Leaves
leathery. Spathe pale yellow
green, pendant. Spadix yellow

green to orange at maturity.

2466. Octomeria graminifolia Orchid

(I) ~~Humboldt~~ (L.) K. Br. K.

INPA ^{Boiss} Small epiphytic herb on fallen log in cut forest area. Tiny yellow flowers at base of leaf blade.

2467. Pariaria sp. Gramineae

GH US det. T. Soderstrom

Small herb 1/2 m tall in ^{cut} forest. Stems bright yellow.

2468. Eugenia ^{Malaccensis} ~~Malaccensis~~ → "MAMEY"

(I) Vn. "insume" "pomarosa"

A-JP Tree 15 m tall in Indian yard in Pucu Orquilla. Petals bright pink, filaments bright pink.

det. T. Croat
1979

Pucca Orquilla → trinerve Miq.

2469. Anthurium scandens (Aubl.) Engl.

GH, ~~PH~~, K, US, S F

Epiphytic herb on tree in open.

Spz the erect pale green. Spadix
pale pink, mature berries
white. Leaves leathery.

2470. Gephzelis tomentosa (Aubl.) Vahl

(I) K, USM det Simpson 1973.

~~PH~~ Shrub to 3 m growing in
woody near Pucca Orquilla.

Breets red. Corolla tube
creamy white. Capitulum quad-
rangular.

Use - flower juice used for ear-
ache.

2471. Cratogeomys K USM US S

(I) M. Tamara

GH Tree 10 m tall along river,
about 2 hr. below Iquitos. Fruits
dark green, very hard.

IQUITOS, PERÚ
QUISTO COCHA

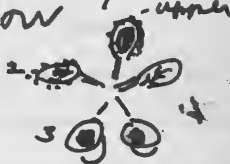
15 febrero 1969.

2472.

Malpigi

(I) GH. 2 m. K USM US

Vine growing in swamp near lake. flowers irregular. Upper petal red with yellow fimbriate margin. 2 side petals yellow with red veining. 2 lower petals cupulate with central red blotch.



2473. Xyris

GH. ~~2 m.~~ K USM US

Herb in swamp 0.5 m. tall. Corolla bright yellow.

~~Dimeris~~
2474 ~~Glycy~~
ECON

Herb 1.0 m tall in swamp near lake. Bracts green outside, red at the base. Red inside. Calyx red with green lobes. Petals white. Stamens white with yellow carina.

Squits

Petaloid Stamens pink.

2475. Montrichardia

G4, ~~H~~ K, F

Herb fr. 3 m tall in Swamp, Standing in water. Leaves leathery. Multiple fruit green.

2475A. Montrichardia

2476. Urospatha sagittifolia (Rohrer) Schott

(I) G4, ~~H~~ K, F det. M. Madison 1981.

Herb in Swamp meadow to 1.5 m tall. Petioles with green snake like markings. Spathe erect dark purple outside, green inside with purple toward the base. Spadix tan-pale purple with round yellow gibbous stigmas.

Trip to Rio Nancy 18 FEB 1969.
Chiric Saucos de jardín.

raíz y tallo - Contra dolores del
Cuerpo, contra resfrío, rheu-
matismo.

La corteza se raspa y se pone
en aguardiente (or agua-peligrosa
porque se macha la piel). La
medera de la Raíz también
sirve.

La hoja se toma para tos
2 guds de agua fría y para broncho.
Raíz y tallo masera hoja no.

Se toma con ayahuasca la hoja
para dar mas fuerza. Hace un
sonido como lluvia en el oído.

Para lagas se aplica la cor-
teza seca en polvo.

Para rheumatismo (arthritis) se toma
la corteza de la raíz en chicha de
maíz en una gota doris. Para un
mes siguiente es prohibido tener
preparte, chunchos, sexo, y alcohol.
Con estas cosas no te curas.

Br. mambo - puzya

locero - large blue-black b. rd.

Pihuayo - edible palm - orange starchy
fruit (Chontaduro) Col.
Pupuya Br.

Rio Nancy -

2477.

Apocynaceae

(I) vu. lobo surucio
Shrub 3 m tall along banks
on Rio Nancy, 1 km above Bella
Vista. Very common. Leaves shiny
light green. Corolla tube off white
brownish in center of limb, lobes
white. Abundant milky juice.

Near

Sungaratocha. Lowland forest.

2478.

Apocynac.

(I) vu. lobo surucio
Shrub 2 m tall in forest,
3 pro. of leaves on long stem.
Leaves dull, dark green. Corolla
~~tube~~ creamy white. Occasional.
Milky juice.

det. D. Simpson 1973.

2479. Cephaelis phaneroneura Standl. Rubiaceae

(I) vu. tahozumba (Esp. con flor morada)
Shrub 2.5 m tall in forest.
Leaves shiny above, dull beneath

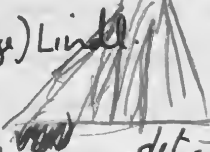
2479. (cont). floral bracts red-violet.
Corolla pure ~~red~~ white.

2480.

Clusiaceae
I vn. "Chuchachzqui caspi or chuchahyashillo"
K. USM Tree, 2 m tall in forest, sterile.

Bark with scarce yellow latex.
Aerial buttress roots to 1.5 m. up
trunk.

uso: la corteza se toma en
agua tibia para fortificar al
hombre (el cuerpo).

gracile (Rudge) Lindl.
2481. Anthurium F.  Araceae
vn. patquina GH, ~~1980~~ det. T. Croat 1971

Epiphytic herb on side of tree
trunk. Leaves lightly coriaceous.
Spathe light green descending.
Spadix yellow, curved. Aerial
roots white ^{outside}, green inside, fleshy.

VAR. nanyense Croat! det. Croat 1986
2482. Anthurium uleanum Engl. f. 2585! 1988
vn. patquina GH, ~~1980~~ F det. Croat 1980

Epiphytic herb on side of tree
trunk. Leaves shiny above, membranous

leaves. Spadix brownish purple,
young fruits pale green. Spathe
green. Aerial roots pale green to
white, fleshy.

2483. Heliconia acuminata L.C. Rich. sep. immaculata
Anderss.

(I) M. bijao

Herb 1.5 m tall in forest. Partial
K, S, U. Inflorescence bracts, pedicels
and flower parts orange. Spals
and petals with a dark green
heavily black spot near tip. Leaves
shiny, dark green above, pale
beneath. det. L. Anderson 1985

2484. Bactris sp. K, US, S Palmae
ru. chontilla K, BH, A. det. H. Moore 1972
Herb in forest. to 1.5 m tall.
Infl. exserted. Fruit pale yellow
green.

2485. *Geonoma scaulis* Mart. KUS ⁵ *Plumae*
vn. *irapallo* (Chontilla) **BHA** det. H. Moore 1977
Acculument herbs in forest.
Infl. axillary. Spedix dark
green, fruits light green. leaves
#-5 pinnate.

Strophocactus sp. det Kew

2486. [*Rhipsalis* sp.] // *Cactaceae*
I vn. "Cota de Izgerbo"
GH Climbing appressed epiphyte
growing around (encircling & wrap-
ping) small treelet; succulent
green. Housing onto between thallus
& tree.

2487. *Scleria* *Cyperaceae*
GH vn. Cortadera
Climbing herb with trailing
stems. Fruit black.
+ leaves.

uso: raíz se cocina para curar
estomacal y para riñones.

2488. Sematophyllum subsimplex Musci

MO var. "sorapilla" (Hedw.) Mitt.

NICH
K WSM Moss growing on rotten log
in forest
Det. H. Crum 1972

19 FEB 1969 - MISHANA - Rio Nanay.

2489.

Agaricaceae

Kort var. "mojeda callambe"

Mushroom growing on balsa raft float-
ing in water. (water soaked). Pale brown
above, hairy. Gills white.

2490 Anona

(I) var. "anona"

A-IP Tree 6 m tall in house yard
at Mishana. Petals yellow fleshy.
Fruit irregular shape with ^{much} pro-
truding carpels, dark green.

USE: hojas y flores en té (una sola
dosis) para regularizar la men-
struacion de mujeres.

2491. Poraqueiba sericea Tul. Ternstroemiaceae?

(I) ru. umari det. T. Proctor 1943

A-SP Tree 8 m. tall. Flowers small, white. Fruit edible, the oily pulp & round the large single seed is eaten. Fruit orange at maturity.

Benedic. Anticoncepcional
Corteza de Uros, corteza de Cigrona, corteza de fangarano, Guelda con Guelda se hierven en una olla grande hasta que se reduzca el liquido a tercera parte. Se toma 18 days y no hay mas bebés.

2492. Aechmea contracta Bromeliaceae

GH (Mart. ex Schult. f.) Baker

^K_{USM}
^{US} Epiphyte on tree trunk overhanging river. Peduncle and bracts red. Calyx yellow. Corolla orange beneath, yellow at the tips.
det. L. B. Smith

2493. Bothriospora corymbosa (Benth.) Rubiaceae

(I) GH det. D. Simpson Hook. f.

^K_{USM} Tree 6 m tall on river bank. Calyx yellow green, fruit green.

ZAMITO - 19 FEB 1969.

★ Highland Forest.

2494. *Brumfelsia* borderata (Vell.) Macbride

A. var. *chiric Saenzaga*

ECON Shrub to about 2m tall in
shady forest, highland, *Terna
dura* *arcilloza* among *Karantacou*
and *Heliconia*. Leaves soft
^{smooth} velvety, dark green above
dull, very pale, dull, green
beneath firm membranaceous.

Calyx inflated pale green
with faint purplish tinge-
appearing greyish, 1.2 cm long.

Corolla large and showy,
the tube 3 cm long, the limb
to 4.5 cm across, but much
smaller flowers also present.
When large, very few in number.

(Comparatively) Corolla violet
fading white with time,
white at mouth. Corolla lobes
limp, "wrinkled".

Uso: se usa la corteza de raíz
para reumatismo agudo. Se
trapa con agua fría.

Ⓐ → K

2495. *Brumfelsia bonodora* (Vell.) Macbride
A m. Chiric Jenango USA
K
US
S
F
P
L
NY
Shrub to 1.5 m tall at edge
of Chacra (cut over field), Forest
thinned out, allowing much sun
to enter. Plants in much
poorer general condition than 2494.
Leaves soft smooth dull, dark
green above, pale beneath.
Flowers many crowded. Calyx
pale grey-green, inflated, calyx
teeth recurving slightly after
flowers fall, above 0.9 cm long.
Corolla tube pale violet, 2.2 -
2.5 cm long, the limb to 3.5 cm across,
pale violet, the mouth white.
Leaf much narrower, tending
to become shiny above in sun.

2496. *Brumfelsia bonodora* (Vell.) Macbride
RB
BR
W
NY
m. Chiric Jenango USA
Shrub 2 m tall in shady forest.
Leaves smooth, soft, dark green
above, dull; pale green beneath.
Flowers violet. Calyx pale
green (darkish) 0.9 cm long; Corolla

tube 2.5 cm long, limb 3.0 cm
across; some flowers the lobes
glance, others with wrinkled
appearance, indented at base
of lobe.

*
2497. *Psychotria* Rubiaceae
GH Vn. ~~Cordillera~~ *esopi*, Sameruca
Tree 5 m tall in forest
with smooth green bark,
with bamboo like joints;
Infl. axis bright red; calyx
and young fruit red also.
ANDCO 2294

2498. *Solanum* *oppositifolium* Ruiz + Pavón
K, USM, US
RA. *Sacha congoupe*
GH Small shrub to 1 m tall in
forest. Leaves firm, dark green
above, pale beneath. Fr. at
dark green, 1.2 cm diameter.
det. S. Knapp 1985

2499.

Carpotroche longifolia (P. & E.) Benth.

(I) vn. Szech mangua det Sleumer 1976.

GH Tree 5 m tall, unbranched, with leaves near top. Flowers Czd. flowers. Fruits hard, white with soft projections. Seeds white, funiculus bright yellow.

K₁ US: ripe seeds are eaten.USM₁
US→ *Philodendron zplznetum* G.M. Barroso 1982a→ *Philodendron barrosoanum* Bunting ..2500. *Philodendron* cf. *fenzlii* Engl.vn. petquina GH, ~~US~~, K, US, S, F

Epiphytic climbing herb 1 m high. Leaves thick leathery. Sep clear, resinous, turning red on exposure. Sp. the green enclosing spadix. Spadix axis white. ♂ flowers pinkish ♀ fl. greenish white. det. T. Croat 1982b.

2501. *Rauvolfia sprucei* (Schott) Rizzini Apocynaceae

(I) GH. A.J.M. Leeuwenberg 1985

Small tree 5 m tall. Abundant milky juice. Fruits green to about 2.5 cm in diameter round.

K, USM, US

2502 Cephaelis pebarenaensis Standl. Rubiaceae
GH det Simpson 1973.
K, USM Shrub 3m tall in forest. leaves
dark shiny green above, deep
red purple beneath. Floral bracts
green tip with purple. Flowers
deep red purple.

2503 Ap.
(I) Vn. Uchu szungo
Shrub 2m tall. Abund-
ant milky juice. In forest.
Use: usado para reumatismo.
Raiz se tona en agua.

2504. Costus Ap. nov.
(I) Vn. "Conzigue" ~~Dutch~~ Utrecht
Terrestrial herb in shady
forest. Leaves greenish black
above, dark red purple beneath.
Inflorescence fairly loose.
Bracts light green; succulent.
Stem spikelike. Root fleshy
(succulent).

Calathea micans (Rathieu) Koernicke

2505 Calathea microcephala Marantaceae
Popp. et Endl. Koernicke
"bijas" Davis

Small herb in forest. Leaf
light green above, paler beneath.
Flowers white.

2506. Calathea sp. nov. Marantaceae

(I) "bija" Davis det HK. Helen Kennedy

GH Herb 1 m tall in Shedy
K forest. Leaves grey above
paler beneath. Pulvinus brown.
Leaf sheath red brown. Floral
bracts green. Flowers light
pink.

2507. Calathea lanata Peters. Marantaceae

(I) Davis

GH Herb 1 m tall in forest. Lvs.
shiny lt green above very pale
K beneath Pulvinus dark brown.
Floral bracts hairy pink.
Terminal ~~rosette~~ ^{spike} flower tube
light pinkish green. Flowers
white.

2508. Calathea sp. nov. Series Comosae. Marantaceae attenuata Kennedy det. H. Kennedy 1984

(I) Davis det. HK.
GH Herb in forest about one m.
tall. Leaves dr. green above
shiny, paler + dull beneath.
(Petiole red) Pulvinus dark
green. Petiole green. Floral
bracts pale green tip with
pink, pink underneath.
Flowers white.

K, USM

2509. Cyrtosiphon hirsutus Peters.

(I) Davis GH
K Herb 1.5 m tall in forest.
Leaves dark green above dull
grey purple beneath. Petioles
tinged with brown hairy. Infl.
Spike included between leaf
bases. Petioles hyaline white,
Stem nodes + stem yellow.
Pulvinus green.

Det. HK.

2510. Monstera obliqua Miq.

F, GH, det M. Madison 1975.

Climbing epiphytic herb 0.5 m tall.
Spathe white turning orange. Spadix
orange.

*

2511. Ixora sp.

GH vn.

Rubiacal
"Ucho Senzugo" no legitima

K Shrub 1 m tall in forest. Young
fruits hard, green. Thick, thick trunk.

ANDCO 2295

2512. Panicum sp.

GH, US

det. T. Soderstrom

Gramineae

Grass (herb) 2 m tall in shady
dense forest. Leaves dark dull green
with dark purple. Spike purple.

2513. Olyra latifolia L.

① US, GH, K det. T. Soderstrom

INRA long grass - scandent - viny - in forest
about 4 m long.



2514 Pariana sp. det. T. Soderstrom
 GH, INPA Forest grass - in dense shady woods. Stems bright yellow.

2515 Geonoma juruana Mart. Poaceae
 (I) Caulescent det. H. Moore 1972
 BH, A, K Forest tree to 4 m tall - Infl. axis bright orange. Fruits black. axillary

2516 Bactrus sp.
 BH, A, K, US det. H. Moore 1972
 Caulescent palm in dense forest. Infl. axillary. Fruits green.

2517. Cryptochloa unispiculata Gram.
 (I) US GH det. T. Soderstrom
 Grass in forest growing in dense clumps. Sterile.
 K, USM

JAMITO 20 FEB 1969.

grandiflora sp. *Schulterii*

2518. Brumfelsia bonodora (Vell.) Macbride

VEN, CGE USM
ECON

Shrub 1.5 m tall in 2° forest thicket. Leaves dark green above, pale light green beneath, dull. Calyx 0.8 cm long, corolla tube 2.5 cm long, limb 3 cm across (to 7.0 cm), pale violet, white at the throat, fading white.
A → K

(#2483)

2519. Heliconia psittacorum

~~Utrecht~~ Utrecht det. HK

Herb 1 m tall in forest. Bracts orange. Flowers orange with green spot on petals. K, USM

→ *Isertia hypoleuca* Benth. det. B.A. Boom 1982

Isertia hochnefi Krause

2520. Isertia hypoleuca det. D. Simpson 1973

var. Szech rifari

Tree 7 m tall in 2° forest. Calyx green, corolla bright red. Fruit light green. Leaf dark green above, white beneath.
ANDCO 2296

2521. Abuta grandifolia (Mart.) Sandw.

(I) Vu. motelo sanzango K

Small tree in forest 5 m tall. Leaves shiny above, dull beneath.

Uso: la raíz se toma en aguardiente para flatulentos.

Sanzango: un palo muy fuerte en la vegetación. Se usa coca también variedad de sanzango.

2522. Justicia tenuiflora R. & P. Acauth

(I) Vu. det DC Wasshausen 1972

US Small shrub in shady forest.

Flowers pink. K, USM

GTH

2523. Cestrum

GTH

Shrub 1 m tall. Flowers light green, the corolla lobes brown. In forest. K, USM, US

*
2524. Psychotria japurensis M. Arq. Rubiac
via "Coval Caspi" GH, K det D. Simpson
Shrub in forest to 1.5 m tall.
Floral bracts white, flowers
white. Stem, flowers, & bracts turning
bright orange in fruit. JANDC 2297

2525. Anthurium alienatum Schott Arac.
GH, F det. T. Croat 1982
terrestrial herb 0.8 m tall in dark
forest. Spathe light green. Fruit -
ing spadix dark green. Petiole
ribbed, leaves shiny above.

2526. Ilex siphon cerotus Loesn.
① F GH, K det HK 1972.
Large woody herb to 4 m along
stream in forest. Leaves lt shiny
green above, very pale green beneath
with very heavy covering of white
waxy bloom. Petiole 2 fl. with
bloom. Pulvinus dark green.
In fl. axis white with bloom. Petals
brownish orange, Stamenode⁺ yellow.
K, USM, US

2527. Dracontium

ru. jergon gacha GH, VEN

Herb in forest, leaf 1.5 m tall. Spadix orange-brown. Berries orange.

*

K US

2528. Psychotria Carthaginensis Jacq. Rubric

ECON ru. "Sumeruca" det. H. Schultes

Shrub 2 m tall in forest. Infl. ax^{is} green, Fruits dark green.

USO: la hoja se usa ~~en~~ en combinacion con ayahuasca.

AADCO 2298

2529. Costus

ECON

Herb with spiral evanation in forest. Bracts red orange. Petals red orange.

2530 Heliconia stricta Hooker

GH

det. L. Anderson 1981.

Herb 8 m tall in forest. Bracts orange with yellow at keel. Corolla yellow with green spot near tip.

2531. Piper
GH

Shrubs 2.5 m tall in forest. Leaves corrugate, dark shiny green above pale beneath. Young in fl. pale green.
MISHAWA KUSM

2532. Heliconia ~~glauca~~ juliani Barreiros
Utrecht GH ~~HK 1972.~~ det. L. Andersson 1984.

Herb 1.5 m tall at edge of forest. Rachis yellow, bracts red, ovary yellow green, ~~stamens~~ perianth light green with dark green markings near tip.

Leaves dark green above dull, same color below but with white bloom.

21 FEB 1969. Shirizera, Rio Nancy.

2533. Brunfelsia ~~bracteata~~ ssp. Schultzii
grandiflora
A M. "Chiric Senzuep"

Shrub to 2 m tall in highland forest (de la altura). In shady forest and sprouting in checos.

Leaves soft smooth, dull above dark green, very pale green, dull beneath! Heavy waxy succerous.

IAN ANOCO #2301

Calyx 1.0 cm long, inflated,
the lobes tending to recurve
(esp. after flowers fall.).

Corolla tube 2.7 cm long, lobe
to 3.8 cm across, Pale violet,

Fruit shiny dark green, 1.5 cm
long, about 1 cm in diameter,
ellipsoid.

2534. Brouffelsia grandiflora D. Don

VII. Chiric Sanango USM, K, US, F

Cultivated shrub in yard of
Don Moises Ramirez 1.5 m tall.

2535. Brouffelsia grandiflora D. Don

VII. Chiric Sanango. USM, BH, S.

Cult. shrub in yard of Don
Moises. In very hot dry area.
Corolla ~~much~~ reduced to ^{limb} less than
2 cm in some fls. 1.5 m tall.

2536. Campomanesia lineatifolia R. & P.

(I) m. "pallido" Myrtaceae

ANP Cultivated tree in house yard,
10 m tall. Fruit to about 4 cm
in diameter, about 2.5 cm long,
pale green (immature). Seeds
with ^{aromatic} resinous yellow orange
sap. Fruit edible. K

Altura near Shirizra.

2537. Quatterip

Annonaceae

GTK m. "fortuga"

US, S Small tree 6 m tall in forest.
Calyx pale green. Petals fleshy
pale yellow.

2538. Iriartella setigera (Mart.) Pekurae

H. Wendl.

(I) BH A, K

Small tree 4 m tall in forest.
Infl. axillary, Fruits dark brown.
(coffee color).

2539. Calathea silvosa Macbr. Marantaceae
Iv Bijas ~~1972~~ F
GH Herb in forest 1.5 m tall. Floral
bracts light green, flowers
pure white. Leaves smooth
dark gr. above; very pale und-
erneath, pubescent. Pulvinus
pale yellow green. U.S.M., K
Det. HK. 1972.

2540. Calathea ursina Standl.
Iv Bijas Davis, K, USM
Herb ^{to} 0.5 m tall in dark
forest. Leaves dark gr. above,
very pale gr. beneath. Pubescent
both sides, Petiole + peduncle
wine red. Pulvinus yellow green.
Floral bracts white with brown
hoing. Flowers white exc. stamens
fertile pink. Det. HK.

2541. Ichnosiphon leucophaeus (P. + E.) Koern.
I terrestrial Davis, K, USM det HK. 1972
GH Herb in 2' growth cut-off
area with partial sun. Leaves
lt. green above, white beneath

Pulvinus pale yellow green. Floral
bracts ~~light~~ green with white
blom. Flowers pure white. "

254 ~~254~~ Ichnosiphon hirsutus Peters. Marant
F det H Kennedy 1974
Terrestrial herb in shady forest.
Lvs. green above, deep purple
beneath. Pulvinus light green,
petiole lt. greenish brown. Floral
bracts pale green - brown. Lf. bases
pale purple - brown.

2543 Monotagma laxum (P. + E.) K. Schum.
GH/Davis F det HK. 1972.
Terrestrial herb above 1 m tall
in forest. Leaves dark green above
slightly lighter beneath, shiny
both sides. Lf. bases lt. yellow
green. Pulvinus brown. Floral
bracts lt. ^{greenish} yellow. Flowers brownish
orange color.

caudatus Anders.

2544 Ichnosiphon ~~sp. nov.~~ det. L. Andersson 1978

(I) ~~GH, K, USM, US, HK.~~ 1972.
Terrestrial herb (in tall-rising
on jungle stem, much branched
near top of plant. Leaves shiny
lt. green above, pale nearly white
dull green beneath. Pulvines
lt. green. Floral bracts ~~light~~
pale green with white bloom. Flowers
very pale yellow (cream).

det. Glassman 1985.

2545 Scheelea splowmanii S. Glassman (Almae
m. shapejilla det. H. Morre 1972

Acaulescent tree (shrub), leaves
5m tall, trunk 1m tall. Lvs.
evenly pinnate.

BH, A, K Edible fruit (entospem).

Photo

2546 Erythroxylon gracilipes Peyr.

"Jachra Coa" GH, US, F, MO

Small shrub 1m tall in shady
forest along trail leaves dark shiny
green above, pale + dark beneath
with 2 distinct lines parallel
midvein. Flowers pure white.

Ouvatea pendula (Poepp.) Engl.

det. C. Niezgodna 1980.

2547. ~~Engleria~~?

GH, F, P.

Shrub 2.5 m tall along path in forest. Lvs. dark green above, slightly light beneath. Buds.

2548. Solanum

GH

Herb 1.0 m tall in forest. Corolla translucent white, stemens pale yellow. Lvs. thin, membranaceous.

2549. Philodendron cf. guttiferum Kunth.

GH, K, F

Climbing herb in forest 1 m tall. Spathe lt. green beneath, white above, opening slightly at tip. Cream colored in tube with resinous red exudate. Spadix pale green below ♀, creamy white above ♂.

lowland forest.
De la biza near River. Flooded area:
2550. Blechnum volubile Kaulf.

I fern. det. DSB. 1971. GH
Climbing fern in 2 thickets,
4m long.

SALPICHLAENA VOLUBILIS (KAULF.) HOOK.

DET. TRYON 1989

~~Araceae~~
~~Araceae~~

2551

I GH, K, USM, US
Tree 8m tall in lowland forest.
Fruits coffee brown, aromatic.
Leaves papery dark gr. above,
somewhat lighter beneath.

2552 Calathea aff. poepigiana Loesn.

I GH, K, USM, US
Herb to 1m tall in lowland forest.
Lvs. dark shiny gr. above, pale gr.
beneath. Pulvinus lt. brown. Floral
bracts lt. green with thin pale
margin. Flowers pale creamy yellow.
A. V. & P.

2553 Ischnosiphon puberulus Loes. var. puberulus.

I GH ~~USA~~, K, USM, F det. L. Andersson
1978
Climbing woody herb to 10m tall.
Leaves dark green above, dull;

Pulvinus lt. yellow green.

beneath ^{red} purple to ^{red} purple-green.
Stems corrugated. Fl. bracts lt. green. Petals pink, yellow at the tips. Staminate pink-purple.

2554. Olyra longifolia HBK.

Gramineae

US. det. T. Soderstrom

GH K INPA Herb 2-3 m tall in 2° growth near river bank along trail. Glumes lt green, purple toward the tips.

2555.

Cyperidaceae

(I) GH, K, USOM, US, S.

Tree 5 m tall. Fruits br. orange at maturity separating on 2 sutures.

Psychotria lupulina Benth.

~~Cephaelis~~ det D. Simpson

2556. Psychotria

1975

Rubiaceae

in. coral cyp. 5 m tall. GH

Small tree (stems jointed). Fruits round, bright deep violet, turning black. Floral bracts light green.

ANDCO 2299

2557. Solanum.

(I) GH, K, USM, US, S

Scrambling thorny vine along river bank in 2° growth. Corolla white, anthers yellow.

sent to R. J. Pusay 22 Dec 77
1200 S 47th
RICHMOND, CA. 94804
chemical analysis

*
2558. Siperuna

(I) in. "isula cesp: de hojz leveda"
GH Small tree unbranched 5-6 m tall. Fruits pink, aromatic.

ANDCO 2300 K, USM

odorata Aubl. det. Sleumer 1980.

2559. Mayna ~~sp. chinata Spreng~~

(I) GH, K, USM, US, S, F, P, L, NY. det Cuatrecasas 1973

Shrub 3-4 m tall in 2° forest along trail. Dioicous. Petals white. Stamens yellow, pistil ~~yellow~~ white. Fruit

2560 Oturaca

GH, K, P.

Small tree 4 m tall. Sepals yellow green, petals yellow. Receptacle fl. green turning red. Fruit

Hoffmannsegg

2561. Cephaelis pubescens Rubiac

I GH, K, USM det D. Simpson 1973.

GH Herb 1m tall in 2' growth along trail. Bracts creamy white, corolla white beneath, violet toward tip.

mollissima (A. DC.) Warb.

2562. Viole ~~molissima & divergens DC.~~

I var. ovata (Lam.) K, USM, US, S.

GH Tree 8m tall along trail in lowland forest. Leaves ^{yellow} green above smooth, shiny; pale green beneath with ~~rust~~ brown hairs. Fruit a 2-valved capsule, light green with dense covering of ~~rust~~ brown hairs.

2563. Solzmen supranitidum Bitter

I Sacha congoupe GH, K, USM, US

Shrub 1.5 m tall ~~at~~ edge of chacra. Corolla white, others yellow.

det. S. Knapp 1985.

* 266. Fungus. Growing on rotten log in
Kord Chocoma.

2564 Stylogyne longifolia (Mart.) Mey Myrsinaceae
GH, K, USM, F

(I) "pircha micuna" o "palometa micuna"
Small tree 6 m tall 2 long trail
in lowland forest. Infl. 2 axis ^{strobil} pubescent,
flowers white.

Use: fruta o corteza se toma para fiebre
interior.

265. Dichorisandra

US, GH, K, S

~~Commelina~~
~~Commelinaceae~~
Woodland grass in highland forest,
1 m tall.

2566. Fungi -

IQUITO 25 FEB 69. Near Versailles.

2567. Passiflora laurifolia L. → P. nitida HBK.

(I) GH, K, USM, US, S, F
det. L. Escobar 1981

Vine in 2° growth thicket. Bracts
green, petals + sepals white, corolla
banded pink + purple, andro-
gynophore white. Ovary white.

Kioniotrichum Bitter

2568. Solznera grandiflora R. & P.

(I) Spring GH, K, USM, US, S, F, P, L.

Tree 5 m tall at edge of field.
Corolla violet, anthers yellow.
Fruit dark green.



2569. Croton palenostigma Kl. var. aff.

(I) GH, K, USM, US, S, F, P.

Small tree 4m tall on edge of field near houses. ~~Species~~ ^{monoclonal}.
♀ fl. with petals green; stigma green. ♂-petals white; stamens white.

2570. Montrichardia arborescens

(I) GH, ~~GH~~, K, US, S, F

Herb to 20 feet tall in swamp. Fruit large green multi structure

27 FEB 1969

2571. Cestrum sendtnerianum Mart.

(I) GH, K, USM, US, S, F, P, L, NY, M.

Shrub 1.5 m tall along road side in Iquitos, in 2° growth thicket. Corolla tube light yellow, green. Fruits purple at maturity.

28 FEB 1969.

Ri. Nancy. Shirizra.

2572 Calathea veitchiana Hook. Marantaceae
vn. "pulma" (un yage) Davis GH, ECON

Herb 1.2 m tall. Leaf dark green above with light green markings along midrib and toward margin, light red purple beneath, pulvinus pale greenish brown, petiole dark green. Petiole bases reddish. Peduncle reddish, floral bracts red beneath, pale green above. (Flowers white?)
Det. H.K.

uso: se mezcla con euzhorzca para ver visiones

2573 Psychotria
vn. "yage" ("semeruca")
Herbaceous shrub 1.8 m tall.
Sterile. Aromatic juice in stem (oranges)

Bark
2574 Burseropsis caapi (Spruce) Morton

* vn. euzhorzca
Liana in forest. Leaves mid green, pale beneath.
K, USM, 45

Iquitos. Lab garden.

2575. Banisteriopsis caapi (Spruce) Morton

Vn. zyzuzju

var. Bejuco de 4 m. in garden.
K, USM, US, S, F, P.

Road to Quistacocha 3 Mar 1989

2576. Laestenia [?] aggregatum (Bergius) Rusby
K, USM, US, S. det. Steumer 1980.

I
GH Small tree 4 m tall in 2°
Growth along road. Infl. light
green.

(Benth.) Gilg

Lindackeria paludosa

~~Lindackeria~~

2577. Stoanea det. Steumer 1980. ~~Lindackeria~~

I
GH, K, USM, US, S, F, P, L.

Small tree 3 m tall in thicket
along road. Perianth white, anthers
yellow. Fruit papillose yellow
at maturity. Aril bright red.
Unisexual flowers?

2578. Tabebeia obscura (Bun. + K. Schum.) Sandw.

Vn. "Pelo de arco" tehuari det. A. Gentry 1984.

I
GH ~~shrub~~ shrub 2 m tall in
sandy field. Corolla bright
yellow. K, USM, US, S, F, P.

2579 Croton

I GH, K, USM, US.

Tree 7m tall along road.

Perianth green. Fls. unisexual
on same ^{raceme} spike. Stigmas green.

Stamens white (creamy).

2580. Croton ^{anoi} guianensis

I GH, USM, K det HK

Photo

Herb along roadside to 2m
tall, leafy. Bracts green at
tips, red ~~inside~~ below. Sepals +
petals white. Staminate ~~white~~
~~tripped~~ deep pink. Stamen pink.
white leaves spiralling.

2581 Croton scaber

GH, USM, K. det HK.

Herb in sunny area to 2.5
m tall. Leaves spiralled;

Infl. compact, bracts red ^{tipped white}
Petals orange, Staminate orange
Stamen orange, tipped yellow.

Plant

2582. Clethra roseo-picta (Linden) Reg.

I Davis GH

Herb to 0.5 m tall in ^{Sandy} swampy area. Leaves dark ^{bluish} green above with creamy white brochings at midrib + midway between midrib + vein. Underside deep red purple. Pulvinus red purple. Petiole red purple. Infl. bracts light green. Flowers nearly white, the stem nodes tipped with pale lavender.

2583. Ichnosiphon sp. contrariosum Macbr

I Davis GH, K, USA

Terrestrial herb forming thick clumps in shady forest, to 1 m tall. Leaves dark green above, pale green beneath. Pulvinus brownish green.

obliquus (Rudge) Koern.

2584. Ichnosiphon

det. L. Andersson 1979.

I GH K, USA, U.S. F

woody herb to 4 m tall in 2° forest in shade + sun. Leaves

Proto

dark green above, white beneath.
Pulvinus, olive green. Infl.
bracts olive green with white
bloom. Flowers large + showy
petals reddish brown. Stamens
bright yellow above, white be-
neath.

Anthurium oxycarpum 2482 Arac.

2585. ~~*Anthurium oxycarpum*~~ Poepp.

GH ~~Terrestrial~~ det. T. Croat 1985.

~~Terrestrial~~ herbs in shade for-
est. Leaves dark above, pale
beneath. Spathe green. Spadix
in fruit, dark green.

2586.

Leguminosae

GH, K, USM herbaceous

Extensive vine in sandy swamp
covering large area. Petals bright
pink. Legume light green.

Carpotroche longifolia (P. & E.) Benth.

2587 ~~Moore~~ det. Steumer 1976.

(7) GH Tree 5 m tall in 2° forest.
Fruits cauliflorous, white with papery outgrowths from fruit wall. Fruits spherical. Seeds with fleshy orange funi-
culus, 2 regular.

2588. *Gatropia*?

GH, K, USM, US, B

Tree 4 m tall in 2° growth near swamp. Fruits light gr. rugose 3-angled capsule with 3 pr of double protrusions at tip. Pedicels and base of fruit with fleshy green glands (for ants possible if which there were many).

2589. *Geonoma canana* Trinit & Bruce
A BH (Moore) det. H Moore 1972

Ki Acaulescent palm to 3-4 m tall. Infl. axillary, fruits green. US. about 2 m, pinnate about 27 pinnae

2590. Bactris sp. Palau
(Chondella) det. H. Moore 1972
Spiny palm caulescent
about 4 m tall.
BH (Moore), A, K, US, S

Iquitos ~~10~~ MARCH 1969.

2591. Bumelia ~~bonifera~~ grandiflora D. Don
PH, GE, USM, K, US, S, F, P, L, NY, M, E, MO, RB, UC, BR, MG, W
Shrub 2.5 m tall 2 long Calle
Putumayo, Iquitos. Leaves
relatively small, (dark) green
above, pale green beneath, thick
membranaceous; "folded" at midrib
the two sides making an oblique
angle, leaves with crisp feeling.
Calyx ~~the~~ light yellow green,
0.8 cm to 1.0 cm long, the lobes
acute.

Corolla tube 3.5 cm long, curved
near tip and slightly expanded
to include anthers. Pale violet.
Corolla limb very showy to 5.2 cm
across, the lobes about 2 cm
long, slightly irregular margin,
pale violet with white patch at

leaf



the throat.

Fruct: capsule, light brown
at maturity 1.3 cm in diameter,
1.5 cm long, sub spheroid (not
quite mature).

Shrub leafy

Remedio Contra Rheumatismo

... Raiz de Chiric Sanango
(hasta una cuarta above ground).

Se raspa,

Para más fuerza:

Chuchubusha - Corteza

Remocspi - Corteza

Heraca Purana - Corteza

Ponga en agua fría. Si no tiene
dieta se toma en aguardiente o
cachaza. Con dieta se toma en agua
fría - poca 1-2 cm (una vez al día).
(hasta dos veces). ~~una~~ una copa

Dieta: guarda sexo, picante,
manteca y carne de chuncho.

Si no se guardan estas cosas
se mancha la piel (sarna - manchas
negra y blanca).

En aguardiente se puede tomar una
o dos veces diario una copita hasta que se

terminen des bifellaf.

A BULK

foto

2592. *Brumfelsia grandiflora* D. Don
var. "Chiric Sinango" ^{ECON} ~~A~~ ^{USM}

Cult. Shrub 2.5 m tall in sunny garden of lab; leafy, the leaves ^{semi-glossous} dark green above, paler beneath. 27 cm

Calyx pale yellow to yellow green, inflated. Corolla tube slender ^{genital} 3.5 cm long, limb 4.3 cm across, pale violet, white spot at mouth of tube. Corolla lobes about 1.2 m long.

Fruit 2 capsule. Hemiptera living among young buds

Bark breaking in 11 and = fissures. lt. brown

foto

2593. *Brumfelsia grandiflora* ^{INPA} D. Don
var. "Chiric Sinango" ^{USM}

Cult. Shrub 2.5 m tall in garden of ANCO ^{ole}. Leaves dark green dull, pale beneath. Young leaves lt. yellow green, shiny pale + dull beneath. Leaves in sun curving and folded.



Calyx 0.8 cm, pale yellow green, inflated. Corolla tube slender, 3.5 cm long, geniculum ~~to~~ towards tip. Corolla limb 4.0 cm across, violet.

Fruit a capsule, brown at maturity, dry.

MICH, LE, MO,

2594. *Bumfelsia grandiflora* D. Don
 A in Chiricahua, USM
 ECON Cult. shrub in garden of ASCO
 AJP 2 m tall. Lvs. slightly larger than 2592 + 2593. #

K flowers larger. Calyx inflated
 US yellow, 1 cm long. Corolla tube
 S slender to 3.5 cm long. Corolla
 F limb large to 5.4 cm across.
 P Pale violet fading white. White
 NY Spot at throat.
 M

Fruit larger also, to 1.5 cm long, 1.3 cm in diameter, brownish green, corolla wound fissure. Stung by ants on plant.

Bark shredding, reddish brown,

mostly vertical fissures.



2595. *Erythroxylon macrophyllum* Cav. Erythrox
GIT Tree 4 m tall along trail. Lúpuna.
K, USM, US, F

Puerto Montt, Chile. 20 JUN 1969.

2596. *Grilikia spicelata* R. & S. Bromeliaceae
GIT in chipón

Acaulescent herb found in meadow.
Leaves brown below, green
toward the tips.

Fruit an edible berry.
Flavor something like apple.

Isla Tenglo. Frente a P. Montt.

2597. *Natura sanguinea*
A-IP-floripondia

Shrub 3 m Cultivated in garden
of Quinta on island. Calyx
~~floral~~ brownish green, shiny.
Corolla tube ~~floral~~ - inside:
light green beneath to cream
further up to reddish pink
at lobes. Outside: light green beneath
yellow green & center brilliant
red toward tip, about 20 cm long

chono

latua - atui
Pichoga -
Ilum Sama

Fruits pale green to pale yellow
5 cm in diameter, 10 cm long.

2598 Polypodium Feuillei Bert Polypodiaceae
var. "zelhuzala" det DSB 1971. GH

Epiphytic fern growing on
trunk of tree (gran tree),
near Quinta.

USOy Rhizome used for beads. Also in
soup used for the heart.

2599 Acer pseudoplatanus L.

GH A-JP K.

tree near garden path. 10 m
tall.

2600 Ugni moliniae Turcz. Myrtaceae
GH var. "multa" Myrtia

K
US Shrub on hillside 1.5 m tall.

Petals pale pink. Fruit red.

Fruit edible, sold in market
place.

2601 Caldcluvia periculata Don. Cunoniaceae
GH var. "tiaca"

K
US tree in hillside woods

500-2000000 *Desmodium utriculatum*
Hille - O.V.A. - 12th June -

near path, 10 m tall
Fruits light green. leaves
waxy.

us: leaves used to make tea for
prophylaxis + medicinal infusions.

2602. *Embothrium coccineum* Proteaceae

GH Ciruelillo notro

K Tree in open on hillside
5 m tall. Dry fruits brown.
leaves leathery.

2603. *Blechnum penna-marina* Polypodiaceae
det DSB 1971. (Poir.) Kuhn

Herb in field forming thick
clumps. GH

2604. *Fuchsia usselliana*
~~*coccinea*~~

GH up "Chilco"

K US Shrub 2 m de altura in thicket.

Calyx bright red. Petals purple

Fruit dark red brown.

Very common

Pension Flores-

2605. Erythraea Lythraceae
GH Centaurium canchankhuen
K Herb in meadow. Corolla
pink.

2606. Rubus ulmifolius
GH in "mora" mora
K Shrub scrambler to 3 m.
Petals pink. Fruit black.
Edible.
Autroandina

2607. Myrcogenella apiculata Myrtaceae
GH in ~~erroya~~
K Small tree or shrub to
US 4 m tall. Petals and stamens
S white. Fruit dark
red.

2608. Cestrycheta?
GH strictus
Vine in thicket of shrubs.

W

Wai - native informant

Hoja: se hierve 2-3 horas en agua caliente. 1/2 cup se emborracha. con 1-2 cups se muere.

Antídoto: espina negra. el fruto se hierve en agua caliente.

hoja y tallo sirve igual.

después de 2 horas se vuelve loco. harto trastornado. todo el cuerpo se calienta con fiebre. la boca se seca.

Dura para siempre si toma mucho.

Pollinator - hummingbird - (joico flor).

Accidental forsonings

Cordillera 300-500 m. Range.
de Feraso

Provincia LLANQUIHUE

Esteban

Mañío. 22 MARCH 69

2609. *Letua pubiflora*

S, F, P
ECON GH, K
LE, UC, US

Spring

Shrub to small tree to 3 m tall growing in old pastures and along roadsides, eastern side of coastal Cordillera in rolling hilly terrain.

Many (several) trunks from ground; (seedling readily ^{by shoots from roots}), spreading toward upper part of plant.

Leaves dark green, becoming pale with yellow in autumn, falling some when flowers appear.

Leaves firm membranaceous, crisp, crinkly.

Flowers (axillary), solitary, subtended by imbricate bracts (short shoot).

Spines arising at modified branch with one leaf. Flower is axillary in this leaf axil.

Peduncle 1.1 cm long, hairy, purplish brown. Calyx ~~subulate~~ tubular, 5 lobed, 1 cm long, the lobes 0.5 cm long.

Resembling purple coloration, pubescent. Corolla zygomorphic slightly about 4.5 cm long, the lobes recurved about 5 (7) mm long, the lobes themselves 3 lobed.

M

Entire corolla pubescent, (outside), inflated, 5u →



5 Stamens exserted at mouth of corolla, of unequal lengths. Filaments ~~deep~~ pink, anthers with grey (ash white) pollen. Ovary with disc beneath. Style deep pink. Stigma bright green.

2610. *Rhaphithamnus spinosus* ~~Verbenaceae~~

GH in. "espino negro"

K Small tree or large shrub to
5 m tall along road and in 2° woods.
• Fruit blue-purple.

USO: antídoto para el veneno
de látex.

Hebe sp.

Escroph.

2611. ~~Escallonia~~

~~Escallonia~~

GH

K

Scraggy shrub along road 2 m tall.
Leaves somewhat leathery. Fls.
pale violet.

2612. *Eucryphia cordifolia* Cav. ~~Eucryphiaceae~~

GH in. "Umo" "munero"

K

US

S

Common tree to 20 m tall in
fields and woods. Petals white,
stamens fascicled. Fruit a capsule,
green turning brown.

firewood
honey.

0. ~~well known~~ ~~new name~~ ~~well known~~
~ ~~Cornelille Emb. Horn~~ ~~Cornelille~~
Nady de la Cordillera ~~Sarabos~~ ~~Faro~~
2613. Latua pub. flora ECON, GH, K, LE
vii. latuy US, S, F, P.

Tree to about 10 m in height with trunk to 25 cm in diameter in woods behind Church at Nady. Woods of ulmo and bamboo and serrate leaved exotic tree (Laurelia)

Leaves repand, soft and membranaceous. Part of stems without leaves and st. dead due to shading by bamboo. Leaves dark above, slightly paler beneath. Corolla rose-lavender.

23 ~~Apr~~ March 69.

Quila = Chusquea quila HB.

Desfontainaceae

2614. Desfontainea spinosa var hookeri

GH m. "faigal"

^K
^{US}
S Shrub 1.5 m tall in woods near Church at Nedy. Leaves thick dark green above, pale beneath.

Calyx green, corolla tube fleshy, bright red, the lobes yellow. Filaments fleshy, yellow.

Said to grow commonly in higher regions of Cordillera.

2615. Hymenophyllum

GH Climbing fern on trees. Very delicate. In forest.

2616. Lichens.

Growing at base of tree in forest at Nedy.

Alstroemeria ligata

Pm.

2617. ~~Alstroemeria~~ Alstroemeria aurantiaca
GH in "zuzucay" (photo).

K Herb 1.5 m - 1 m tall along
US roadside. Flowers 7 yg or hor-
5 pline. Sepals orange, petals
yellow orange with brownish
(maroon) markings on inside.

Near
(Very good firewood. Honey from flowers
humus)

March 25, 1969. Isla Tangua.
Manimiza.

2618. Lamelia sequestrans

GH in "taurel"
Tree in fulltop forest to
5 m tall. Leaves very stro-
matic, shiny.

(boldo = Peumus boldus)

~~Gevuina~~
Gevuina

2619 Gevuina avellana Prole

GH in avellana
K Tree on hillside 2° growth
forest 6 m tall. Flowers white
fragrant.

Fruit edible when boiled. Sold in
bet.

R. & P.

2620 LUZURIAGA radicans Liliaceae

G+ M. "Quinitaja (Quilaja).
K Vine climbing on tree trunks
in forest. Fruit bright orange.

2621. Solanum nigrum

G+ K, US.

Weedy herb along roadside
10 km W. of Puerto Montt.
Corolla white.

28 MARZO 69. Valdivia.

2622. Solanum

G+ K, US, F.

Weed growing in vacant lot
near water front (River Calle Calle)
in Valdivia. Corolla white.

177

If a plant which is one has ever
seen is used, it serves as a remedy
for many illnesses. Otherwise a lot of
in which one becomes crazy.

Wet habit - along roads, forest
margin, cut over land (after trees),
and in stony areas. Not near
one or several plants, summit
where soil is sandy soil.

Coccoloba rugosa - Fruit
pale yellow

PROVINCIA DE VALDIVIA.

ROAD FROM LA UNION TO CORRAL
(CAMINO VIEJO), VICINITY OF ESTERO
DE LA PIEDRAS NEAR CHATHUIN.

29 MARZO 1969

2623. Phrygilanthus ~~AP~~

GH, K, US, S, F, P L.

Shrubs (climbing on tree (rooted
in ground) (parasitic). Corolla
tubular, red, filaments and
style yellow. In forest on Laurelia.
Visited by hummingbirds.

2624. Acroea aulifolia

GH, K.

Roadside weed. Creeping prostrate
herb. Capitula with
barbed "stick-tights".

2625. Polygonum australis Brongn. Gramineae
GH US. det. T. Soderstrom

Herb.
Grass along roadsides. Spikelets
purplish.

2626. Chusquea ULIGINOSA PHILIPPI Gram.

Vn. QUILA "Tihuen"

Bamboo in meadow to 2 m tall, forming large masses.
GH, US, K det. T. Soderstrom / L. CLARK 1995
S, F

2627. Sonchiotites Kunze ex DC. Compositae
GH, K, US, S, F.

Herb in meadow 2 m tall.
Ray florets bright yellow.

2628. Lycopodium

GH Vn. COPHUE.

K
US Vining shrub (?) in 2° growth brush. Sepals and petals scarlet, fleshy.

2629. Mitraria coccinea (Sw) Gesneriac
GH, K, US, S.

Epiphytic shrub climbing on tree trunks, 3 m tall. Corolla red orange. Fruit yellow.

2630. Lophosoria quadripenata C. Chr.

GH det. DSB 1971.

Large fern to 1.5 m tall, (caulescent) forming great thickets being one of the first invaders after cutting and burning the forest. Base of rachis (petiole) with woolly hairs. Rhizome woolly. (deciduous).

2631. Juncus planifolius R. Br. Juncaceae

GH det. H. Balslev, vi, 1985.

US Herb growing in small stream near roadside.

2632. Holcus lanatus L. Gramineae

GH, US, K det. T. Soderstrom

S Herb growing at edge of pasture. Spikelets whitish to purplish.

2633. Lolium perenne L. Gramineae

GH, US, SAVI. det. T. Soderstrom

K, S Herb 1 m tall growing at edge of pasture near house. Spikelets green.

2634. Hypolepis punctata (Thunb.) Mett.
det DSB 1971

Fern 1m tall in 2° growth
brush.
GTT

2635. ~~MO~~ Hepsticaceae
Liverwort growing on hill-
side (burnt over) in 2° growth
brush, on earth.

2635a. Moss
MO
Moss on ground under
2° growth brush.

~~2635~~ Road from La Union to
El Mirador 30 MARZO 1969.
~~400~~ - 700 m - 1000 m.

2636. Asplenium darsides Desvaux
GTT det DSB 1971.
Small fern growing on
rotten log in forest, 35 km
from La Union

2637. Loasa c. esanthifolia Desf. ~~Desf.~~
GH ^{ortiga brava} "ortiga gbelluna"
Herb to 1 m tall in forest.
Flowers bright orange.
Urticating hairs producing irritation.

2638. Opuntia rivularis DC. Compositae
GH ^{palo negro}
Herb growing in clumps, to
2 m tall. Rays bright yellow.
In forest.

2639. Suaeda cymosa Remy Compositae
GH ^{matico}
Small treelet to 4 m tall in
forest. Trunk with longi-ly
peeling bark

2640. Sipanea
Klimbing GH
Vine in forest to 6 m tall.
Sterile.

Saxegothaea conspicua Lindl.

2641

~~Latvia~~

Coniferae
Podocarpaceae

GH "LATVIA"
Tree in forest 20 m tall.

K
US

S

2642. *Asteranthera ovata* Gesneriaceae

GH, K, US

Creeping, prostrate herb on
wetter in forest. flowers showy,
bright red.

2643. LATVIA PUBIFLORA (Grisch.) Baillon

ECON, GH, K, US, S, F, P

Shrub to tree 5-6m tall
growing commonly along
roadside edge of forest
and in parts of forest it-
self. Also as weed species,
invading fields and pasture
resulting from cutting
and bushing the forest.

Occurring from K 34 to
K 46 from the Union about
400-700 m (?)

Leaves light green mostly
crowded or numerous short
shoots.

(Corkia)

Flowers magenta (red, purple)
Calyx dark green & purple.
Pubescent.

Fruit a berry, yellow at
maturity, to 2.1 cm in diameter,
1.7 cm long, subrotund but
variable.

Reproducing by tides -
ground rhizomes

Ⓐ → K

2644 ~~apogon~~ Phylegia mezeltzica

GH in. Copilue,

K, S. Small shrub in sandy
F alpine forest, to 1/2 m tall.

L Common. Calyx dark red.
N Corolla bright red, fleshy.

2645. Fitzroya cypripedoides

GH in.lerce

K Common tree in heights
of mountains, to 20 m. tall.
(10000 m).

2646. Donatia fascicularis

GH

Diminutive cushion plant.
Growing in high alpine bog.
(10000 m).

2647. Drosera uniflora

GH

Tiny herb (insectivorous) grow-
ing among #2646 in bog.
(10000 m).

2648. *Berberis*

GH

Spiny shrub growing along
roadsides 1 m tall. Flowers
bright orange.

2649.

GH

Fern growing on hillside at
logging Camp + Impregma.

Valdivia 1 April 1969. Jardín
Botánico de la Universidad Austral.

2650. *Browallia* ~~ata~~ americana L.

AHP, K, US, S

Herb cultivated from seed in Garden.
Corolla deep blue.

2651. *Salpiglossis sinuata* R + P.

A-HP, K.

Herb cultivated in garden (from
commercial seed). Corolla pale

yellow, orange inside the tube
(nectar guides). Resembles wild
species.

2652. Sulpiglossis sinuata R + P.
A-JP K, US, S

Herb cultivated in garden
from commercial seed. Corolla
lavender purple, yellow orange
inside the tube.

2653. Ipibiana imbricata
var. "Pichi" A-JP K.

Shrub 1.5 m tall cultivated in
garden but taken from wild. Corolla
tube pale lavender; slightly con-
stricted near apex.

2654. Cestrum perqui L'Her.
A-P var. PALQUI

Shrub 1 m tall cultivated in
garden. Strong fetid odor (like
Stamoniim). Taken from wild.

2655. *Cestrum purpurea*?

A-JP, K.

Shrub cultivated in garden
2.5 m tall. Leaves pubescent.

Calyx ^{dark} purple, Corolla tube
bright red, slightly constricted
near apex.

Reportedly Peruvian.

2656. *Solanum valdivianae*

GH, K.

Shrub growing wild in garden
tree 2-3 m tall. Corolla 4 parted
lavender, Stamens yellow.

2657. *Erythrorium coccineum*

Proteac.

A-JP "Notro Ciruelillo"

Tree 4-5 m cultivated along
road in University. Perianth
bright red.

2658. Lomatia ferruginea Proteas
A-JP

Small tree 4m tall cultivated in botanical garden.

6 Abril 1969. Arrayan, near Santiago.

2659. Cestrum parqui C. Ker.

ECAD, GHT, LE, UC, K, US, S

Shrub 1-2 m tall growing as a weed on roadsides and dry hillsides.

USO: the juice is used to put on stings + spider bites. Also dolor de muela? jaw etc.

2660. Phrygilanthus stuebelii G. Donnell-Smith
GHT - "Central"

* Parasite growing on Cactus on dry hill side. Corolla red, stem yellow.

2661. Passiflora caerulea L.
G#H, K. det Kew 1985

Large herbaceous vine along road side. Bracts light green, sepals light green, petals pale yellow green. Corona banded blue and white. Filaments green, anthers yellow. Ovary green, styles dk. purple. Stigma buff colored.

2662. Baccharis sagittalis DC. Compositae

G#H Leafless
K Herb 2 m tall in roadside thicket.

(*A. horrida*).

2663. Acacia karroo Hayne. Mimosaceae

G#H
Shrub 2 m tall along road on dry hillside. flowers deep yellow. Spines white. Fruits reddish.
Naturalized in Africa.

9 April 1969. Santiago.

2664. *Cannabis sativa*.

Cannabaceae

A-J, K, US, S, F, P, L.

Herb 2.5-3 m tall growing as
a weed in garden.

13 April 1969,

Capilla de Caleu 900 m

Prov. Santiago, Comuna de Tiltil

2665. *Drimys winteri* vs. *didensis*

A-J "Canelo"

Small tree 5 m tall near
Stream. Fruit blue-black.

2666. *Mentha*

"menta"

A-J Herb 2 m tall growing along
Stream.

2667. *Ruta*

"Ruta" A-J ECON

Herb cultivated near house.
Strongly aromatic.

Use: Para dolor del estomago.

2668. Solanum

Gtt, K, US.

dry Herb to 1/2 m tall growing in
pasture in shade. Corolla white,
stamens yellow.

2669. ~~Pinus~~ Madia sativa Compositae

Gtt

K Herb .5 m tall. Sticky.

Rays bright yellow. In pasture.

2670 Psoralea glandulosa

Gtt m. "culein"

K Shrub 2-3 m tall near stream.
Corolla blue and white.

2671. Sophora macrocarpa Sm.

Gtt

Det. V. Rudd 1977.

Shrub 2 m tall near stream.

Legumin
Papilionaceae

2672. Olea europaea

A-SP occidentalis

Tree 5 m tall. Cultivated.

2673. Cryptocarya

Sumo. GIT

Small tree 4 m tall on dry hillside.

2674. Baccharis linearis Pers.

Slender "romerillo" GIT, K, US, S.

Shrub to 3 m tall. Capitulae creamy white.

2675. Quillaja saponaria Mol.

Roystonea

in "Quittay" GIT, K.

Tree 15 m tall in dry valley bottom (pasture).

2676. Maytenus boaria Mol.

Celastraceae

in "mayton" GIT, K, US

Shrub in pasture 4 m tall. Fruit yellow-orange. Ail bright red-orange.

2677. Lithraea caustica (Mol.) H. et Arn. Anacardiaceae
Glt "va." Litre

Tree 5 m tall on dry hillside.
Fruits creamy white.
causes skin allergy.

2678. Acacia caven (Mol.) Hook. et Arn. Mimosaceae

Glt "Espino"
K, US Small tree to 6 m tall. in dry
features. Spines white. Pods
brown.

2679. Colliguaya odorifera Molina Euphorbiaceae
Glt Va "Colliguaya" det. Steve Smith 1983.

K US Shrub 1 m tall on dry hillside.

2680. Ephedra andina K, US

Glt "Pingo pingo"
Shrub to 2 m tall on dry hill-
side.

~~2681~~

W

2681. Azara
Ct. m. "Titen"

Flacourtiaceae

Shrub. Fruits pink

Caminos

Carretera de Arayan a
Los Jarallones.

2500 m.

15 April 1969.

★ 2682. Albiana imbricata R. & P.

un. "Pichu"

ECON, GIT, LE, UC, K, US, F.P.

Shrub 1.5 m tall growing
on dry hill side. Foliage resinous
green (light). At Villa Paulina.

Large.

Uso: se toma la infusion para lim-
piar los riñones. Cuando se toma,
uno orina 2/3ub.

(A) → K

tanatillo

2683. Solanum

crispum

Shrub 1 m

ECON, GIT, LE, K, US

~~Stiff~~ herb growing along
roadsides. Leaves thick, leathery.
Corolla dark violet. Fruit a
red berry.

Near Jarallones.

2500 m.

2684. Escalonia myrtoidea Bart. ex DC.

GH

K, US

Small tree to 5 m along roadside
Flowers white.

2685. Kegeneckia oblonga R. et Pav. K, US

GH

Shrub 2.5 m tall on dry hillside.

2686. Kegeneckia angustifolia D. Don K

GH

Shrub 3 m tall on dry hillside.

2687. Malesherbia linearifolia Cav.

GH

K, US, S det Kew 1975

Herb 1 m along roadside.
Corolla magenta.

2688. Nicotiana K, US

GH

Herb to 1.5 m along roadside.
Corolla greenish white, fragrant. Covered
with secretory hairs

Farallones

2689. *Scizanthus hookeri* Gill F
var. *calycosus* (Phil.) Reiche
Annual, Jarito Ecal, GH, K, US, S
Herb $\frac{1}{3}$ m tall along roadside
at 3000 m. (Farallones), glandular hairs. Corolla tube bluish violet, the lobes lavender (or pale magenta). Two fertile stamens, 2 infertile or bright yellow petaloid staminate.

2690. *Euphorbia*

GH, K, US

Somewhat succulent herb growing on dry mountain side. Milky Juice.

2691. *Adesmia*

Papilion

GH, K

Small shrub - prostrate - 20 cm high. Flowers brownish. On dry hillsides.

2692.
GH

Compositae

Small spiny shrubs on hillside.
leaves pale green, Spines yellow.
Rays yellow.

Lilloa IV (1949)

2693. Senecio erucae-formis Reim
GH var. brachycephalus (Phil) Cabrera
K, US Common herb 1 m tall along
roadsides. Rays + disc florets
yellow.

2694. Astragalus
GH

Herb 6m tall along road.
Petals violet, Calyx red. Pods
reddish green.

2695. Colletia

Phanaceae

GH K
Spiny shrub 3 m tall on
road to Farellones.

28 April 1969. Las Mulles. 750 km N of Santiago
along coast. Prov. Aconcagua

2695. Fuchsia lycioides

1 Glt. ^K
Shrubs to 2 m tall common in ^{maritime} brush. Leaves all fallen, fls. borne on
woody ~~branches~~ ^{branches}. Calyx tube red-orange, petals
pink.

2697. Lucuma

^{Glt. K}
Shrubs in maritime brush along coast.
about 1-2 m tall. Lvs very coriaceous.

2698. Rocella tinctoria.

Grey lichens growing on rocks
along coast.

Santiago. 29 ABRIL 69.

2699. Brunfelsia uniflora

"Dramelo"
K Shrub 2.5 m tall in Garden in

Elzino 1899 de los puertos de Valparaiso
y Tzkalhuano se exportaron para
Alemania y la Argentina 3877 kgs.
de Pichu que importaron 1938 pesos.

Santiago. Pedicel 3 mm!

Calyx to 1 cm long, the lobes to 4 mm,
lucellate. Corolla tube 2 cm, limb 3.3 cm
2 across, violet. Fruit large 1.8 cm long -
1.5 cm diameter.

Mariani, Carlos. 1966. Temas de Hipnosis.

Quichel, Hugo.
Lord Cochrane 69. Santiago.

Flora Color in LATUA. 1933.
Asoc. de Química y Farmacia. Concepción.

Karl Reiche. 1910.
Flora de Chile. Tomo Quinto
Santiago de Chile - Imprenta Cervantes.
(latua).

Reiche, Karl. 1901. Los Productos Vegetales
Indígenas de Chile.
Santiago de Chile. Imprenta Cervantes.

Bromus unguis. - extinct food plant.

p. 2. Fabiana imbricata R. et Pav. Phil.
La infusión de las hojas i ramitas
hojosas deja ver fluorescencia ver-
dosa. Es un diurético activo.

Latua venenosa Phil. LATUE.
Las hojas de latue contienen un veneno
muy activo que altera las funciones
Cerebrales. Conviene analizarlo.

Karl Reiche. 1910. Flora de Chile.
p. 321. *Latua*. Phil.

En la zona litoral desde la pro-
vincia de Valdivia a Chiloé. Arbores
de la Cordillera Pelada; San Pedro
Sueca; etc. Planta muy venenosa;
el consumo de los frutos produce
semenencia.

Sobre latué

Lugar: Aysén - Chiloé - Puerto Montt.

El latué es usado en infusión por los brujos o curanderos, quienes lo ingieren durante ceremonias nocturnas de carácter mágico.

Después de beber la infusión con intervalos de 20 a 30 minutos comienzan poco a poco a cantar y danzan en círculo.

Los gritos son variaciones sobre la palabra latué.

latué - latué - la - tué

la la la tué.

tué.

la tué.

la a a a (lento)

la tué la tué - la tué (rápido)

Los movimientos son monótonos

y consisten en marcar el paso golpeando con un pie en el suelo.

Esto acompañado con movimientos de cabeza.

Los brazos como alas colgantes. Las danzas duran 4 a 6 horas, con intervalos de oraciones.

"Con un tizón ardiendo
Cristo quema el mal
de vientre de N." (aquí
el nombre del enfermo).

Las curaciones consisten en hacer salir los demonios del cuerpo del enfermo. Para esto se le azota con ramas ^{palqui}. Se le hace beber un brebaje que lo hace vomitar. Luego se le cubre la cara con un pellejo de macho cabrío ^{del ganado}. Los brujos azotan también los muros de la casa, los rincones.

Las curaciones abarcan todo tipo de enfermedades orgánicas y mentales. Y es la noche. Estas reuniones son un equivalente de los "aquelarres" pero con fines curativos.

Los movimientos no son graciosos son rígidos y monótonos como los de la catatonía.

12:30.

▶ Planear a Santa María Angélica de mi parte que busque en mi libro de direcciones el nombre Eduardo Covadlo, Argentina Av. Corrientes 2835, Escalera C. 1º Piso. 87-3050

Nombres indígenas de
plantas Chilenas.
10 (832-15)

Lier

Gnychel^v Hugo.

Lord Cochran 69

Santiago.

Contribución al Conocimiento
de la flora Valdiviana ^{VI} chilena
Revista de la Asociación de
Química y farmacia.
Año I (1933). p. 509
II (453-6)

Letua Chemistry.

Vasquez Angel Segundo.

— Anales de U. Chile.
Tratado Completo de Farmacia II (491-14 alb).

Velenfuela

Lenf.

11 (325-15)

Leuf, Rodolfo. 1904. Diccionario Etimológico de las Voces Chilenas Derivadas de lenguas Indígenas Americanas. Imprenta Cervantes. Santiago.

p. 425.

698. latúe. m.-n. vulg. de una solanácea muy venenosa de Valdivia, Manquihue, i Chiloé. Letua venenosa (Lycoplegium tuberculum) Philippi, El. 287. cp. Hb. Anales de la Univ. de Chile 1861. I. 310. Tb. se llama "árbol de los brujos": sus efectos son parecidos a la belladona, causa convulsiones, delirios i halucinaciones; muy usado por los "michis" i Curanderos. (Reed 61). El Fumo se usa para envenenar el pescado. Pomar (35.)

Variante: latué, (MORILLAS 152) probablemente forma falsa.

Etimología: Es Mapuche latu - hue "el mortífero, de febre": tan - morirse, con el Cuyativo tu i hue que designa el instrumento con que se hace algo.

998. Palqui - m. In u. vulg. Es un arbusto
o arbolillo muy comun i de mal
olor; es de mucho uso en la
medicina Casera como diaforetico,
excelente sudorifico. Estruñ
perqui Gay: Bot. V. 95. Morillo 186.
Reid III. Molina, An. 200. Cervello. 12.
Saaavedra 188. Dic. Ac.

"La yerba "palqui" que el espa-
ñol llama "yerba hedionda" por
su grave olor "... Es buen reme-
dio contra calenturas ardientes"
Rojas 236. El palqui se usaba
en el "pequi" para hacer fuegos;
Molina 395. Segun creencia
popular con una verilla de
palqui se puede hacer adormecer
las Culebras. - la hoja de palqui
es muy buen remedio contra las
quemaduras de las hortigas i se
encuentran ambas plantas muy
a menudo en el mismo terreno;
se dice el dicho "Donde el diablo
planta una hortiga, Dios planta
un palqui."

1864. píche III. m. n. vulg. de una
yerba medicinal, diurética, con hojas
muy pequeñas Fabiana unbricata
Gay Bot. V. 41. Murillo 136. Se
emplea contra los 'pirhuines' en
las Cebraz.

Veriente: píche, píchen. Tb. Rojas
248. cp. 'píche'.

Reed, Edwin C. 1892. Compendio de
Historia Natural de Chile. Santiago.

Pomar, don Luiz. 1900. Memoria sobre
la pesca en Chile, lida en el VI
Congreso Científico General, alle-
brado en la Serena, en Enero
de 1900. ~~para~~ Valparaíso.

Philippi, El. 1885. Elementos de
Historia Natural. 4^a Ed. Stgo.

Febrés, P. Andres. 1764(5). Arte de la
Lingua general del reyno de Chile.
(Nueva Edición textual del Cale-
pino por Juan M. Herzog, Buenos
Aires 1882 bajo el título: Diccionario
arucano - español).

Urban, H. 1934. Botánica de la
Plantas Endémicas de Chile.

Dr. Imp. y Lit. "Concepción". Concepción.

11(694-10)

p. 154. LATUA. - es un Género mono-
típico es decir que sólo existe
un representante: el latúe, palo
mató, palo de brujos (*Latua pulsi-
flora*). Su nombre ya indica que
debe tratarse de una planta venenosa,
cuyo goce es perjudicial, pero
cuyo efecto debe ser diferente al
de las especies conocidas. En realidad
la infusión preparada de sus hojas
produce una especie de trastorno
mental que puede prolongarse,
según la cantidad ingerida, hasta
14 días. Como contra veneno se emplea
la hierba mora. Comiendo las frutas
verde -cuerpulentas de 2 cm de
diámetro, pueden ocasionar la
muerte. Investigaciones científicas
han establecido que el efecto vene-
roso de las diferentes partes de la
planta se debe al contenido de una
resina que produce esta embriaguez
de los sentidos, análogo como en

el hechich obtenido en el Oriente del
Cáucaso.

Lactuca pubiflora es un arbusto de
hojas enteras verde claras de unos
6 cm de largo de forma oblonga y
algo mucronadas. En su base se en-
cuentran dos espinas. Las flores
axilares son sostenidas por un pe-
dúnculo de 1 cm de largo. El cáliz
pentapartido es corto (6 mm) verde
y encierra a una corolla tubulosa
de un rojo vivo, cuyo limbo está
dividido en 5 divisiones. Los 5
estambres están insertos en el
fondo de la flor. El lactue abunda
en la zona delitoral desde la pro-
vincia de Veldivia hasta Chiloé.

Pomar, Don Luis. 1901. Account of the
Fishing Industry in Chile.

Pomar. Imprenta Moderna, Printers.

p. 33. II(803-11 p.4). Stgo.

The natives fished as do their
descendants at the present time in
the still water of the rivers, using
Cinnamon juice (*Drimys chilensis*)
to poison the water, thus causing
the fish to become torpid and
easily caught. The juice of latué,
or Witch's wand (*Latua venenosa*)
was another of the ingredients often
used for this purpose; and in
more modern times they have used
Sheep manure....

Reed, Edwyn. C. 1892. Compendio
de Historia Natural de Chile.

Imprenta Gutenberg. Stgo.

II(932-39)

p. 111. El palo de los Brujos o
Latue *Latua venenosa*, es un
arbol venenoso de las provincias
del sur, muy usado por los
Curanderos que produce Convul-
siones i la Coera por un tiempo
maso menos largo segun la dosis.

Fiebres.

p. 128. 11(961, -12)

Letuó - mortífera, cosa mortífera, o con que se suelen morir muchas viejas.

Gunchel, Hugo. 1960, Nombres Indígenas de Plantas Chilenas. Univ. de Chile. Facultad de Química y Farmacia. (Sep. del Boletín de Botánica, tomo XI, 1959. págs. 191 a 327).

p. 236.

435. letuó: *Letua pubiflora* (Gris.) Phil. Solanáceas.

Nombre propiamente de esta planta. Venenosa que crece desde Valdivia hasta la isla de Chiloé.

Derivado de letu-hué, que significaría, según Fiebrés, mortífero.

Que a su vez se derivaría de lan,
morirse, con el cursativo tu y húe
que designa el instrumento con que
se hace algo.
Variante: latuhue.

Velenuela, Foz, P. Armengol: Glosario
Etimológico de Nombres de Hombres,
Animales, Plantas, Ríos, y Lugares y
de Vocablos incorporados en el len-
guaje vulgar, aborígenes de Chile
y de algún país americano. Santiago
de Chile 1918. Trabajo publicado pri-
maramente en la Revista Chilena
de Historia y Geografía.

Quinde, P. Martín. Plantas medicinales
recomendadas por los indios au-
raucanos, en publicaciones del
Museo de Etnología y Antropología
de Chile. Año (4/5), p. 232-292.
Santiago de Chile.

Baeza, Victor Manuel. Los nombres
vulgares de las plantas Silvestres
de Chile y su concordancia con los
nombres científicos y observaciones
sobre la aplicación técnica y

Medicinal de algunas especies. 2^o Ed.
Santiago 1930.

Scala, Dr. A. C. - Contribución al estudio
histológico de la flora chilena. IV.
Latua pubiflora (Griseb.) Phil. en Rev.
Cult. Hist. Nat. Año XXIV (N^o 4) 1920.
p. 73-78.

Philippi, Dr. R. A. Descripción de un
nuevo Género de plantas de la
familia de las Solanáceas. en Anst.
Univ. Chile (Stgo. Marzo de 1861) - N^o 3.
tomo XVIII. pp. 309-11.

Grisebach, Dr. A Systematische Bemerkungen
über die beiden ersten Pflanzen-
sammlungen Philippi's und
Lechler's in Südlichen Chile und an
der Mez-Strasse. Göttingen (1854). pp 40 y
41.

Wittstein. "Die Naturlichen Pflanzen-
familien." IV. Abt. 36, p. 15.

Murillo, Dr. A. Plantes Médicinales du Chili.
Paris. (1889). pp. 152-55.

Chope



Univ. de Valdivia
Hans Klempner
Gledys Santos
Mario Bernales
Patricio Montalvo

