

1970

2931-3349

CRIP
BOT
Plowman
005



Herbarium
Fairchild Tropical Garden
Miami, Florida

Plant Collections

T. Plowman
Botanical Museum
Oxford St.
Cambridge, Mass.
U. S. A.

Specimens cited "FTG"
are probably transferred
to TEX, as of 1982!

ENERO 1971							FEBRERO 1971						
DOM	LUN	MAR	MIE	JUE	VIE	SAB	DOM	LUN	MAR	MIE	JUE	VIE	SAB
					1	2		1	2	3	4	5	6
3	4	5	6	7	8	9	7	8	9	10	11	12	13
10	11	12	13	14	15	16	14	15	16	17	18	19	20
17	18	19	20	21	22	23	21	22	23	24	25	26	27
²⁴ 31	25	26	27	28	29	30	28						

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2931. Isolanum hirsutissimum

A-JP
F Grown in Harvard Greenhouse
from seed collected at Itaipú
Estado Rio de Janeiro, Brazil
(# 2822). Corolla white.
Collected 4 JAN 1970.

2932. Broussaisia americana L.

(CON) Small shrub cultivated in
Harvard Greenhouse. Specimen
from Longwood Gardens.
#67-370. Corolla white.
Voucher - Pollen Photo.

2933. Broussaisia lactea Urban

Small shrub cult. in greenhouse
at Au Estates, Weston. Calyx in-
flated ¹/₂" green, lobes slightly re-
curved. Corolla tube 1 1/2" green, limb
creamy white. Strong odor of Gardenia.
25 Mar 70.

live: ~~HA~~ SEL
R. Montgomery

2934. Brunfelsia pauciflora
var. calycina C. 'Mariantha'

Shrubs, 1/2 m. tall cultivated
in Bio. Labs. Greenhouse. From
cuttings obtained at Long
wood Gardens. Lvs. thick, leathery.
25 March 1970. BOG
MEXU

2935. Achizanthus pinnatus K+P

A-SP
E-CAN Commercial Med grown in
greenhouse. Corolla pink with
yellow lip spotted pink.
2 May 1970.

2936. Brunfelsia uniflora (Pohl) Don

Seedlings from #2738 Grown
in greenhouse at Bio Labs.
Some seedlings appear to be
rather dwarf, others growing
normally.
2 May 1970.

2937. Browallia

Herb cultivated in Greenhouse at Bio. Labs. Corolla tube blue.

2 May 1970.

2938. Browfelsia lactea Urban

young plants

(Seedlings) growing in greenhouse. Brought from Puerto Rico by Dr. Carol Wood - 27 Aug 1968.

Collected 10 June 1970.

2939. Habenaria orbiculata (Pursh) Torr.

Herb growing in rich shady woods under hemlock + beech. Fls. creamy white, lvs. pale shiny green.

Along Brunnerdale Rd. about two miles E. of Ogdonia Rd. Shrewsbury Twp. Sullivan Co., Pa.

79° 39' W., 41° 23' N. 19 June 1970.

2940 (= 2739)

Brumfelsia pauciflora

Shrub 1 m tall cult.
in greenhouse at Bio Labs.
Corolla violet.

15 July 1970.

From plant collected at
Itajai, S. C., Brazil.

2941. Cannabis sativa L.

Herb 1.0 m tall cult. in
garden. Male.

5 Sept 1970. Harrisburg, Pa.
♀

2942. Cannabis sativa L.

Herb cult. ^{1 m} in pots. Seed
from Panama Red Variety.
Boston, Mass.

11 Sept 1970 ↓

2943. Cannabis sativa L.

Herb cult. ~~in fruit~~. Boston
Mass. Seed from "Gold"
variety.

2944. Cannabis sativa L.

Herb cult. Boston, Mass.
from seed of Michoacan
variety.

2945. Cannabis sativa L.

Herb cult. at Boston
Mass.
" Sept 1970.

2946. Sambucus
red berried elder.

Shrub 1.5 m tall on wet
bank along road. Hoagland
Branch near Hills Grove.
Sullivan Co., Pa.
19 June 1970.

2947. Smilax.

Ascendent vine 1.5 m tall
in ^{shaded} thicket along road.
Ogdonia near Hills Grove.
Sullivan Co. Pa.
19 June 1970.

Nierembergia frutescens

2948. ~~Nierembergia frutescens~~

A-JP
K Herb cult. in experimental
garden, Harvard Univ, Corolla
white with purple streaks
beneath.

R.B. ~~CM~~ CM. 23 Sept 1970.
B/H GL

2949. Nicandra physaloides

A-JP
ECON

Herb 1.5 m tall Cult in
Experimental garden. Corolla
light blue, white inside tube.

2950. Martyniaca

Probrscidea louisianica (Mill.) Thell.

A-JP
ECON

F Spreading

Herb 0.5 m tall, 1 m in diameter.

K Smelling very sweet - foetid.

RB Corolla creamy yellow with br.

BH yellow spot inside tube.

Fruits about 15 cm long,
Curved.

2951. Cannabis sativa ♀.

Growing in vacant lot,
Roxbury, Mass.

5 Oct 70.

2952. Rhus vernix

C. Bennett Coll.

4 Oct 70.

New Hampshire.

Florida. 23 Nov 70

2953. Solanum verbascifolium

^{K, U.S.}
Treelet 3 m tall grey green foliage
Fruits erect, yellow at maturity.
Key Largo, Limestone.

2954. Solanum bahamense

ECON, GH, K

Small woody shrub to 2 m. tall
Br. green leaves. Fruits secund
spherical, shiny, red.

2955. Lagerstroemia speciosa

Small tree 3 m tall cult. at
Agr. Expt. Garden, Univ. Miami.
~~Miami, Fla.~~ Homestead, Fla.

2956. Brumfelsia nitida Benth.

Jennings Estate. Small shrub
 $\frac{3}{4}$ m. tall in front of house.
Calyx tube deeply cleft ~~AAAA~~ ^{shorter} ~~one~~ ^{axial}
7-17 mm long varying length.
The lobes to 1.3 cm long. Corolla
tube 12.5 cm long pale yellow.
The limb 5.5 cm in diameter
lobes 2 cm long, \pm in one place,
margin undulate, erose. Stigma
yellow. Lvs shiny, green. Bark
Painting in Book. seed known.
25 Nov 70

2957. Brumfelsia nitida Bth

Jennings Estate. Miami.
Shrub 2 m tall cult. in shade.
Fruits orange 1.5 cm in dia-
meter.
25 Nov 70. Painting

2958. Brounfelsia vitida Bth. ^{living}

Fantastic Gardens, Miami.

25 Nov 70.

Cult. shrub 1 m. tall.

Fruits orange. Corolla yellowish,
part.

Seedlings in greenhouse.

2959. Brounfelsia undulata Sw. ^{living}

Shrub 1.5 m tall cult. at
Fantastic Gardens. Corolla
yellow, large.

Cutting in greenhouse, Webburn.

2960. Brounfelsia grandiflora D. Don
sp. grandiflora

INPA
ECON
F
BOG
MEX
HBG
SEL
Shrub 3 m tall cultivated
at Fantastic Gardens, Miami.
Flowers purple + white.

B voucher for Chromosomes
 $n = 11.$

27 NOV 70

2961. *Brounfelsia vitida*

271

Shrub 2.0 m tall cult.
at Fairchild. Fruits orange
1.5 cm in diameter.

2962. *Brounfelsia unicolora*

~~2962. *Brounfelsia unicolora*~~ X

Shrub 1.5 m tall cult.
at Fairchild. Fruits brownish
green 1.8 cm long, 1.5 cm in
diameter.

FG X-14-152

called *B. latifolia*.

~~(*B. calycina* var. *eximia*)~~

2963 \uparrow Brunfelsia pilosa ^{Plowman} sp. nov. ₅
X-13-11.

bolg
MEXU
G
HBG
SEL
NY
CORD
MO
INPA
R
MBM
UEC

Shrub 1.5 m tall in shade. Stem pubescent, the main veins of lvs above + below pubescent.

Calyx pubescent, fruit green, glabrous, 1.2 cm long 1.0 cm in diameter.

Corkiness at base of calyx.

2964. Brunfelsia
FG-38480. *B. jamaicensis*

~~JAMAICA~~

2965. Datura suaveolens H. & B.
var. "Angel's Trumpet"

Much branched shrub 4 m tall
growing in ravine along road
(wet place). Large seedling
population across road, spreading
vigorously. Flowers pendulous,
calyx 12 cm long, mem-
branaceous, inflated.
Corolla tube narrow for 12
cm, then gradually expanded
(campanulate), white, greenish
at the nerves. 32 cm overall.
Very fragrant.

Blue Mts. behind Kingston.
12 m. NE. toward Newcastle.

Prox. St. Andrew, Jamaica.

3. NOV 70.

2966. *Cephaelis frutescens* L. Det. B. Pichensgill

Prink Manchester, Oxford DISTRICT.

GH
Resting

Along One Eye River along road near bridge. 1 Dec 1970.

Suffrutescent herb 1-m tall.
Lvs. membranaceous.
Flowers greenish.
Fruit light orange, pungent.

Par. Trelawney

2967. Brumfelsia splendida Urban

N
K
45
Island View Hill. 2000-2200 ft.
Wilson Valley District
1 mi. N. of Warsop. Rocky
limestone outcrop. 1 Dec 1970.

Slender 0-2 Branches.

Tall wood-like shrub 5 m
tall, all leaves at top in
low canopy - on side to top of
hill. Leaves thick coriaceous,
very dark green, shiny above,
paler green, shiny beneath.
Bark brown to greyish, fissured
longitudinally & later transversely.
Flower buds light green.
Young leaves, petioles, pubescent
along the petiole.

Blue Mountains.

~~2968 *Stelis* *macrantha*~~

2969. *Stelis macrantha* Sw. Orchidaceae.

AMES

Epiphyte growing on side of tree. Flowers white, purplish at center. Along trail to Moras Gap from Cinchona.

2970. Bumelia jamaicensis DC

A
S
K
US

Shrub 2 m tall to
shrub

Slender tree to 10 m tall

growing in humid montane rain forest in thick humus + clayey soil. Trunk about 12 cm in diameter. Bark light brown, roughish, fissured on the smaller branches longitudinally + transversely ^{corfy}. Leaves crowded on the ends of the branches, leathery, shiny ^{light yellow} ~~dark~~ green above (or light) paler and dull beneath.

Fruits few (1 or none/tree) at the tips of the branches, pendent or upright, sub-spherical.

These fruits: 3.3 cm long x 3.1 cm D.

3.0 cm long x 3.4 cm D.
2.4 cm " " 2.4 cm " "

green, shiny, smooth with ^{corfy} rough places, bicarpellate (the suture line evident in fruit).

pericarp 3 mm thick, tough.

Seeds imbedded in white fleshy ^{thin bony endocarp, buff colored} pump, 6 mm long, 4 mm broad, 2 mm thick. Calyx coriaceous persistent in fruit, splitting into 2 (+) parts, corfy. Recepta-

lt. reddish brown

17 seeds from ^{1/2} fruit to Conrad 14 Dec 70.
Strong odor of zinnonia in rotting fruit.

cl. thickened, corky, in fruit.

9 mm in diameter.

Seeds 105, flattened reniform, about 6 mm
long, 4 mm broad, imbedded in placental tissue.

Plant growing on slope between
Morris Gap and John Crow Peak,
about 5000 ft. altitude.

76° 40' W, 18° 6' N.

Parish St. Andrew, Jamaica.

5 Dec 1970.

Seedlings also seen in ravine on leeward slope
along trail to Morris Gap + on ridge just before gap (windward)

2971.

Tree 6 m. tall cultivated
in crichona garden. Fl. size
light green, shiny. Fruits
green with shiny black seeds
in a yellow pulp.

Send determ. to Mr. Clough.

2972. Streptopler jonesonii (Benth.) Miers

1139A-GH

US Shrub 2 m tall Cult. in garden at Cinchona. Foliage dark green, shiny. Corolla tube yellow-orange, the ~~top~~ ^{adaxial} side of lobes bright orange (yellow to red-orange). Visited by hummingbirds.

8 Dec 1970.

(A) TK

2973. → F (1984)

1 Dec 1970

Insect (Hemiptera) found in group on under side of leaf. Top of Island View Hill, 2000-2200 ft. Trelawney.

9 Dec 1970. Hope Botanical Garden.
1974. Asplenium narrantherum?

Tree 20 ft tall cult. in Junken
Garden. Brittle. Leaves large.
Flower: calyx green, corolla
deep purple. Anthers joined to
yellow. Fruit a green berry,
turning pure white.

A-SP

2975. Bumelia americana L.

A-SP

Shrub 1.5 m. tall cult. along
Junken Garden in sun/shade.
Lvs. dull, med. green, paler beneath.
Fls: pedicel 0.8 cm long, calyx
5-8 cm long, lobes slightly recurved.
Corolla tube ^{pedicel} 4-5 cm long, limb
3.5-4.5 cm across, contracted,
pure white, turning yellow.
Berry ^{fr} orange, 1.1 cm long, 1.3
cm in diameter.

Fls. many, persistent after
opening.

2976. Brunfelsia americana L.
A-SP

Shrub 2 m. tall cult. along
Inher Garden, Fls. ^{some} deciduous
after opening, ~~from~~ corolla tube
short 3.0-3.5 cm long 3.0-3.5
cm across. Upper petals aborted
somewhat forming 2 freaks.
Tube green-est, Herb white turning
yellow.

2977. Brunfelsia membranacea Urban
A

Perish St. Andrew. Cane River,
300 ft. elev. 10 Dec 1970. ^{shady}
Shrub (treelet) 3 m. tall
growing in thicket along Cane
River at base of cliff. Spreading
upward, like Elon, the upper
branches nodding. Branched
near top of plant. Bark rough
with longitudinal cracks, buff-
colored.

curved / curving upwards.

curved

Leaves on older branches dull dark green above, pale green beneath, membranaceous, ~~long~~ petiolate, soft texture. Nearly glabrous.

Newer shoots with long lanceolate leaves, soft downy pubescence, mostly on lower surface.

fl. buds nearly open. fls. at tips of branchlets - solitary. Bracts 2 mm long, Pedicel 7 mm long, calyx pale green, 6 mm long, the left short, triangular-ovate at apex, corolla tube about 8 cm long, greenish white.

Plants growing on rocky xerophytic substrate along gorge.

2977a. B. membranacea Urban

Young shoot of 2977.

~~2976~~
2978. Gossypium

Cotton. K, US, S, F

Shrub 2 m tall growing along
road at intersection of Pelicados
Road + Windward Rd, Harbor
View, Jamaica. Fls. yellow
turning rose at the tips of
the petals.

9 Dec 1970.

2979 Bumelia membranacea Urban

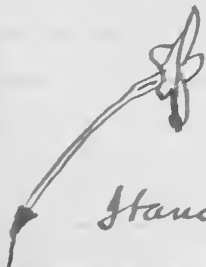
A, K, U.S.

11 Dec. 1970. Steep rocky hillside between Cane River Bridge and Town of Newstead. Elev. ca. 500 ft. Parish St. Andrew. In thicket.

Stem or tree 3 m tall, 1-3 main trunks to 7 cm in diameter.

~~Plant~~ Branched near tips of branches. Bark streaked with long. fissures.

Flowers solitary at the branch tips, standing out prominently from canopy of foliage at an upward angle ($> 45^\circ$). Calyx pale green. Corolla tube white, turning yellow, 8-9 cm long. The limb white, nearly vertical, ca. 3.5 cm across, also turning yellow.



Stance.

2980. Brumfelsia maliformis, Urban

Coll. G. R. Proctor.

12 Dec 70.

St. Andrew.

from shoots from cut down tree.

Bark buff-ht. brown, split longi-
tudinally. Leaves dark green ~~from~~
~~below~~ shiny above. Her. yellowish
green, somewhat shiny beneath. ^{margin} ~~under~~ ^{etc}
Calyx split in two at base of
fruit persistent.

Fruit subglobose 3.8 cm in dia-
meter, 3.3 cm long. The outer
surface pale brown, corky, with
a texture of cells. (reticulate?).
Wall soft, easily squeezed.

of seeds = 77.

Seeds irregular reniform,
about 5.5 mm long, 3 mm broad.

13 Dec 70.

2981. Cestrum diurnum L.

GH

var. portoricense O.E. Schulz.

N. coast highway between Rio
Buero + Dumano, just east of
milepost 67.

Small tree 4 m tall at
base of cliff in thicket.

leaves dark green above shiny,
duller + paler beneath.

Corolla creamy white.

2982. Pithecolobium guadelupensis

GH

Small tree 8 m tall on
craggy limestone rocks at
top of hill. Stamens showy,
pink at base, creamy ~~white~~
yellow at the tips.

1983 Broussaisia undulata, S.Warty

~~A~~ slender shrub
to 2 m tall, wandlike.

Leaves at tips of the branches.
Virtually unbranched.

lvs. leathery, dark green above,
dull; pale yellowish green
beneath.

Bark with longitudinal
cracks, buff brown.

Along Queen's Highway, Mt. Ann's.

2984. Capsicum annuum L. var. minimum.

GH, Reading

(Mill.) Neeser
Det. B. Pickersgill

Suffrutescent herb $\frac{1}{2}$ m tall along
highway. Fruits red, pungent, erect.
Corolla creamy white, stem
blue.

fruit fruit. Seeds to Pickersgill.

2985. Solanum bahianense

GH

Shrub $\frac{1}{2}$ m tall in ^{limestone} woodland
near highway. Fruits bright red,
round.

2986. Solanum havanense

GH

Shrub 1 m tall in ^{limestone} woodland.
Fruit oblong, shiny, bluish-purple,
1.5 cm long, 1.0 cm in diameter

Fresh Fruits

2987. Hamelia crepaea Griseb.

Det. Tom Elias,

Small tree 5 m tall along
roadside. Lvs. dark green, shiny,
Glabre. Corolla yellow. Fruits
black at maturity.

GH, K, US |
Send one to Missouri

15 DEC 1970 →

2988. Brumfelsia plicata Urban

A

Clarendon Parish. Aenon Town
along road to McKay on limestone
hillside, 2100-2250 m. Elev.

Unbranched shrub to 2 m. tall
growing in moist gully in shady
forest.

Bark light brown to greyish
becoming cracked longitudinally
& transversely.

Leaves large, lanceolate to ob-
long-ovate, firm membranaceous,
dark green above, dull; pale
green beneath. cutting R. Montgomery

live: FTG
seeds from FTG plants to HLA, PTBG,

16 Dec 70,

2989. Brunfelsia

Shrub 2 m tall cult. in
Hope Garden.

2990. Brunfelsia

Shrub 2 m. tall cult. in
Hope Garden.

22 December 1970.

2991. Brounfelsia portoricensis. ^{Kr. & Urb.}

At Quebrado

~~Rio~~ Inodora near Route
186.

K, US, S, F, NY, P. live: Lyon

Weak

Shrub 1-3 m tall growing
along stream in understory.
Very wet place. Yellow clay
soil. Small population of
circa 20 plants - several
seedlings under parent
plants.

Leaves quite variable
linear in seedling to oblong-
lanceolate to obovate broad,
acute to truncate at the
apex. Dull dark green
above, dull pale green
beneath, coriaceous.

Fruits 1 or 2/in fructescence.
Subglobose, 3 cm long, 3.4
cm in diameter, the fleshy
placenta white. Fruits
shiny pale green. ~~Peri-~~ Peri-
carp 1-2 mm thick. Calyx
persistent, splitting
irregularly in fruit,
about 3 cm long, light
green, nitid, the lobes
to about 1 cm long;

2992. B. portoricensis Kr. + Urb.

A

seedling $\frac{1}{2}$ m. tall of
2991.

2993. Brouffelsia lutea Kr. & Urb.

A
K 941 M.
MS Mt. Britton, along trail at Observatin. ^{Towers:}

Straggly shrubs # 3 in
tall in woods.

leaves dark green above,
dull. pale green beneath,
somewhat shiny, bristly.

Infl. with 1-3 fls. Pedicel
1.3 cm long, edge 1.3 cm
long, light green. Corolla
tube 2 cm long, greenish
white slightly curved.
Corolla limb 6 cm in dia-
meter, pure white fading
to yellow, with eye. Very
fragrant with odor of gardenia
(camellia).

2994. Bomfordia lactea Kr. & Urb.

Alt K

Shrub to 4 m tall along trail. Lvs. same as 2993.

It ~~is~~

Fruit shiny, green still, purple. 2.3 cm long, 2.7 cm in diameter.

2995. B. lactea, Kr. & Urb.

Alt

Shrub 2 m tall on top of peak, exposed along clearing.

Calyx ^{brownish} 0.7 cm long, corolla tube 5.5 cm long, limb ca. 6 cm in diameter.

25 December 1970:

2992. Bumelia densifolia. Krug & Urbau
Att, K.

Municipio de Mérida - Forest
of Mérida. Rt. 120, 10 km. from
Sabana Grande.

Small tree 3 m tall growing in
full sun on rocky hillside along
road. Trunk about 4 cm diameter
at the base. Bark smooth, light
brown. Leaves linear, thick,
light green above, paler beneath,
slightly shiny.

2997. Bumelia densifolia Kr. + Urb.
Att

Forest of Mérida. Rt. 120 between
16-17 km. from Sabana Grande
at Descenso Trail.

Compact
Tree to 5 m tall with 2 trunk
5 cm in diameter near the base
Bark smooth. Lvs. dull dark
green above, paler (yellowish) green
beneath. Rotting fruits found

or ground beneath plant.

2998. B. densiflora Kr. + Urb.

Art

Young plant $\frac{1}{2}$ m. tall growing
along trail next to 2997.

2999. B. densiflora. Kr. + Urb.

Seedlings of 2997 growing
in a clump at base of plant.

24 Dec 1970.

3000. Broussaisia undulata Sw.

San Juan. R. Piedras

Shrub 1.5 m tall cult. in garden. Corolla white turning yellow with age.

3001. Cestrum.

Common shrub to small tree 4 m tall growing on hillside along Rt. 14.

Corolla yellow, fruit black. Lvs. fleshy - coriaceous, dark green above, pale beneath. Bark smooth.

Rt. 14 midway between Aibonito and Coramo, Puerto Rico

26 Dec 1970.

3002. Bouffelia undulata.

Shrubs 3 m tall, cultivated in garden near Ponce, P. R.

lvs. yellowish green above, shiny, pale green, gloss shiny beneath. Thick membranaceous-coriaceous. Margin strongly undulate

Fls. reversed / inflorescence.

Pedical 1.4 cm long. Calyx 1.3 cm long, inflated campanulate teeth broadly acute 3 mm long, membranaceous, pale green. Corolla 13-14 cm long erect yellowish-green. Limb 6 cm across, white → yellow.

Poison Plants

Avoid

white flowers.
milky juice

aquatic
Palms
flowers (not white)

Melaleuca quinquenervia - pollen allergy.
Cajuput Tree

Sheep Laurel honey - poisonous.

Surinam Cherry - *Eugenia uniflora*

Red Silk Cotton Tree - *Bombax ceiba*

Bilimbi - *Averrhoa bilimbi*

Philippines - pickled fruits.

Aloe - sunburn, wounds.

Ischemantia pentantha -

Mucuna - poisonous hairs.

Euphorbias - poisonous. cause blindness
when sap in eye.

Cassava - bitter, sweet

Boil in 3 waters

Bischofia javanica - Polynesia.

fast growing Euphorb.

Hura crepitans - wood used for
concocts -

Saundersia princeps - Brazil. Euphorb.
Semicarpus anacardium - ~~Dholi nut~~.
nut - Black poison used for laundry marks.
India - allergy.

Antidesma bunius - India. edible euphorb.
~~Araceae~~ -

Ceriman - whole fruit does not
ripen at once - calcium oxalate.

Butea - flame of the forest.

Oreocallis pinnata - Proteaceae ^{staghorn} ~~herb~~

Ochna hirsuta -

Cassia longiana - Wampi, Rubiaceae

~~Fairchild's fairchild's favorite~~

Ochrosia - poisonous spongyae.

Jequimia - Joewood -
fish poison.

Zamia floridana - arrowroot starch.

Costa Rica 7 Feb 71.

San José

Podranea riscaliana - pink Bugan.

~~Podranea~~ pulcherrima

Congea tomentosa - Verb. Showery orchids

Anthocephalus cadamba - Rubiaceae

30 ft in 4 years.

planted at IICA.

Brumfelsia in San José = "Iris"

"Jocote" = Spondias mombim

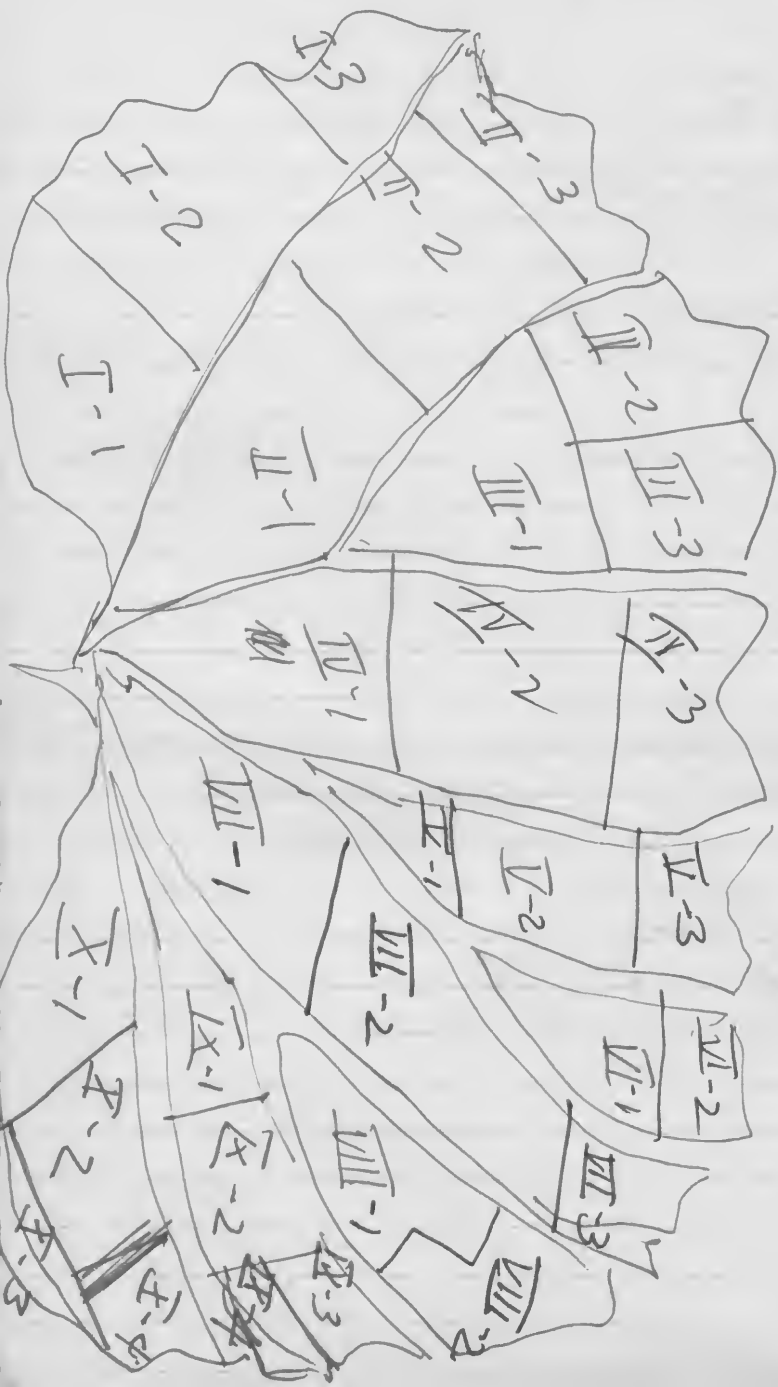
"porró" - orange legume.

"La Virgen"

Salsibolca - Lago Nicaragua

Xolotlán - Managua.

Engenio de Azúcar -





COLLECCIONES - CENTRO AMERICA - 1971. FEB. -
20 FEB 1971.

Nicaragua - Nandaime. Rt. 6 (at fork in road).

3004 Stemmadenia obovata (Hook + Arn.) Apocynaceae
K. Schum

GH
FTG

Tree 7 m tall along roadside.
Abundant milky latex. Corolla yellow.
Fruit green.

3005. Simaruba. ~~Anacardiaceae~~.

FTG

Tree 8 m tall along roadside.
Open panicles of greenish yellow fls.
Fruits green.

San José. 22 FEB 1971.

3006. Detura candida (Pers.) Hoff.

AJP

MO Shrub 4 m. grown as hedge along
FTG road to Moravia. Fls. white, pendant
(⊥).

San José - 24 FEB 71.

3007. Datura suaveolens Bonpland + Humboldt
GH
A-SP
FTG
INPA
Shrub 2 m tall.
Weed growing in ravine along
stream, Ciudad Universitaria.
Fls. pendant, white.

3008. Croton panamensis (Kl.) Muell.-Arg.

GH
FTG
Tree 8 m tall at Ciudad Uni-
versitaria + Environs. Fls. creamy
white.

3009. Streptosolen jamesonii (Benth) Miers

A-SP, US
FTG
Shrubs 1.5 m. tall cultivated
in Garden near Ciudad Universitaria.
Corolla tube yellow to orange, limb
orange to vermillion.

3010. Solanum wendlandii

A-SP
K
Climbing thorny herbaceous vine
Cult. along fence in Garden near
Ciudad Universitaria. Lvs. shiny.
Corolla violet. Anthers yellowish

10289 - wide pass. flora
70286 - large "

proximally, violet distally.

3011. Brouffelsia undulata Sw.

A. JP

FTG Parque Central, San Jose. Shrubs 2 m tall planted beside church. Corolla creamy white, turning yellow.

1 MARCH 1971. Guana caste.
Playas del Coco.

3012. Gliricidia sepium (Jacq.) Walp. Leg.

G#

FTG ~~Shrub~~ Tree 7 m tall along beach. Corolla pale pink.

3013 Cassia grandis L. f.

G#

FTG Tree 8 m tall. Calyx pink. Corolla yellow with pink. Along fence row near beach.

3014. Haematoxylum Brasiletto Karst.
GH Tree 6 m tall along hillside.
FTG (petals bright yellow deep).

3015 Conocarpus erecta L.
GH
FTG Tree 4 m tall on the beach.
Fruits reddish.

3016. Physalis Lagascae Roem. & Schult.
GH det TP.
FTG Beach herbs. Nearly prostrate.
Fls. yellow.

3017. Tetramerium hispidum Nees Acanth.
US ~~herb~~ Shrubby to 1/2 m tall. Fls. white.
FLR det DC Wasshausen 1972

3018. Sapranthus Palanga Fries Annonac.
GH
F Tree along pasture 6 m tall. Fls.
Cauliflorous purplish black.

3019. Ruellia inudata HBK ✓

US
FIG
ECON Subfrut. herb to 1m tall. Corolla
lavender-pink. Very aromatic.

3020. Aphelandra deppeana Acaubl.
US Schecht. + Cham.

FIG Shrub in dry forest, 1.5 m tall.
Corolla
red.

det DC Wasshausen 1972

NICARAGUA - 4 MARCH 1971.

5 mi. N of Esteli. Depto. Esteli.

3021. Ipomoea.

FIG ~~Scandent~~ shrub. 1 m tall along road.
Corolla white, purple in tube.

~~3022.~~

El Espino. Depto. Madriz.

1 mi. E. of ~~San Marcos~~ ~~El Estero~~. Copper Outcrop.

3022. Euphorbia.

FIG Herbs on ^{dry} road bank. Milky juice.

3023. Euphorbia

Dry-Road bank. Milky juice. Folioles red.

FIG

3024. *Euphorbia*.

GH

On dry road bank. Milky Juice.
Foliage red.

Honduras, 5 March 71.

29.4 mi. W. of San Marcos de Colón.
Depto. Choluteca.

3025. *Croton payaguensis* Standl.

GH

FTG Small shrub in dry pasture, to 0.5 m.
fall.

El Salvador, 6 March 71.

26 km. E. of San Salvador along
Pan Am Highway. Depto. San Salvador.

3026.

Lobelia sp.

GH

To 1.5 m tall on bank along
road. Corolla red-orange turning rose.
Milky latex.

3027. Solanum

MO

GH Shrub to 2 m tall along road.

Corolla white.

Departamento de Santa Ana.

* Lago Coatepeque. SW shore.

3028. ~~tree~~ Najas M

GH. Submerged aquatic.

3029. ~~A~~ Najas marina L.

Spiny Submerged aquatic. det. WT Gillis

GH
FTG

3030. Potamogeton pectinatus L.

GH Floating aquatic - (rooted at bottom).

FTG

det TCP.

3030A. Gyrocarpus jatrophiifolius

Tree 4 m. tall: leafless.
Seeds only.

(A) → K

Guatemala

7 MARZO 71. Roadside 18 mi. S. of
Cuitlapa. Pan-Am. Highway.

3031. Cestrum.
GH Shrub 2 m tall. Young fls. yellow.

3032 Senecio confusus Britton Compositae
GH ~~Scrambling~~ vine. Rays orange.
FTG det. W.T. Gillis

Acacia Hindsii Benth.
3033 Acacia ~~Acacia~~
ECON Shrub 1 m. tall. det. TCP.
ETG

11 MARZO 71. Depto. San Marcos.
San Sebastián to Volcán Tajumulco.
San Sebastián 2500-3000 m.

3034. Solanum.
MO Shrub 3 m. tall. Corolla
FTG white. Anthers yellow. Lvs. shiny.
Solanum lanceolatum Cav. det. Nees + Whalen 1985.

3035. Solanum hartwegii Benth.
MO Spring shrub along path.
GH Corolla bright blue. FR. orange.
Lvs. with golden pubescence. det. J.L. Gentry, P.
1973.

3036. Sambucus mexicana Presl.

ECAN

FTF Small tree 5 m tall, planted
as living fence. Fls. white.

slender

3037. Cestrum anagyris Dunal

MO ~~straggly~~ shrub 1 m. tall on
GH hillside. Infl. pendent, fls.
K pale yellow.
US.

det. J. L. Gentry, Jr. 1973.

Foothills of Volcan Tejumulco;

near San Sebastian. ~~3000 m.~~ 3000 m.

3500 m.

3038. Cestrum guatemalense Franey

MO K Small tree 4 m tall. Fls. yellow.
GH Fruits green, turning black
then white. Foetid odor. Common.

det. J. L. Gentry, Jr. 1973.

3039. Cestrum guatemalense Franey

MO det. J. L. Gentry, Jr. 1973.
GH Tree 6 m tall. Fls. yellow.

3040. Smilacina zwoena Wendl. Liliacae?
Flora. "ramillete de Magdalena"
Epiphytic herb rising from succulent bulb. On tree limbs.
Petals + sepals pink. Anthers cream.

3041. Fuchsia splendens Jucc.
Glt
FTG Scandent shrub, 2 m. tall.
Ovary green, hypanthium red-orange, sepals + petals green.
Fls. pendant.

Cerro El Bonete, ^{just S. of} ~~near~~ Volcan
Tajumulco. Elev. 3000 West Face.
3500 m.

3042 Cirsium ^{Spring} Carduaceae
Flt Rank herb 1.5 m tall, in wooded hillside. Outer involucre bracts green, inner bracts straw colored. Fls. creamy white.

3043. Castilleja
Glt Herb 0.5 m tall growing on dry rocky cliff in sun.

Fl. bracts green at base, the lobes
scarlet. Calyx ^{green at base, toward tip} scarlet with a
yellow margin. Corolla green.

3044 Lupinus montanus HBK.

FTG
Glt Herb c. 1 m tall in moist
place in rocky outcrop. at TCP

→ L. montanus HBK. var. austrovolcanicus C. P. Sm.

Det. D. B. Dunn
1982

3045. Lupinus Mchenbornii Schrad

Glt
FTG
TEX Herb growing on ~~moist~~
hillside. Fls. violet. Det. TCP.

3046.

Fern.

Glt Growing in recess in rocky
outcrop near summit.

3047. Dryopteris nubigena Maxon + Morton Fern

Glt Growing in recess in rocky
outcrop near summit.

3048. Elaphoglossum

Glt Growing at base of rocky out-
crop near summit.

3049.

Fern

Glt Growing at base of rocky out-
crop near summit.

3050.

Cyperoid

GH Scandent herb 1 m tall
growing on rocky outcrop. Fls. white.

3051.?

GH Herb 0.5 m. tall in fruit.

3052. Solzuum

GH ~~shrub~~ shrub 1 m tall growing
in sun in wet place. Corolla
pale blue-violet.

3053. Fuchsia

GH Diminutive shrub ^{in forest} about 15 cm
tall. Fls. scarlet.

3054. Pernettya ciliata (Schubert + Cham) Small
~~shrub~~ shrub 0.5 m tall in
forest. Fls. pink. Frs. blue-black.
Common. Ericaceae

3055. Vaccinium confertum HBK. Ericaceae
Low shrub in forest 0.3 m. tall.
Corolla pink.

3056. Salvia Labiata
Gt Aromatic herb in forest shade.
Corolla lavender. Moist place.

3057. Salvia?
Gt Aromatic herb to 1.5 m tall
in open places. Corolla bright
red. Common.

3058. Composit
Common shrub 4 m. tall in
open places. Fls. white.

3059. Bomarea acutifolia (Link & Otto) Herb.

~~Shrub~~ Herbaceous vine in
moist place. Sepals orange,
petals yellow-orange outside,
yellow within with brown spots.

3060 Aracacia donnell-smithii Cult. & Rose Umbellifer.
Rank herb in wet place, 2 m
tall. Fls. white. Resin with strong
odor of carrot.

3061. Echeveria Crassulac
Glt Succulent herb to 0.5 m tall
on dry rocky outcrop. Sepals
greenish, petals red in fruit.
capsule's red.

3062.
Glt succulent herb on dry rocky
ledge. FRs. bright red.

3063.
Glt Succulent herb on dry rocky
ledge. Sepals pink, petals white.

Foot hills of Ulañ Tajumulco.

3064. Gentiana pumilio Gentianeae
Glt A

Tiny herb 2 cm tall growing in
heavily grazed pasture. Corolla pale
blue. 2500 m. Elev.

20 March 1941.

3065. Brunfelsia ~~amblyantha~~
A-JP uniflora subsp. pilosa Plowman
Cult. Fantastic Gardens. Flowers
blue-violet. Mildly fragrant.
White at the ~~throat~~ mouth.

3066. Brunfelsia nitida. Benth.

A-JP
MO Cult. Fantastic Gardens. Fls.
~~white~~ Cream turning yellow.
Shrub 1.5 m tall.

3067. Brunfelsia uniflora subsp.

A-JP uniflora
MO Cult. in Stat house, FTG.
WS 69-105. From Durban Parks Dept.
Durban, S Africa. Very fragrant.
Fls. blue-violet turning white.
White at the ~~throat~~ mouth.

11 Mar 71. FTG. BRUNFELSIA

3068. Brunfelsia americana L

A-JP
MO
FG-3848A. Shrub 1.5 m tall.
Corolla creamy-white. Plot 27

3069. Brunfelsia nitida Benth.

A-JP
Shrub 2 m tall. Fr. orange.
X-3-113 B Plot 27

3070. Brunfelsia nitida Benth.

A-JP
MO
X-3-113 E. Shrub 2 m tall.
Fr. orange. Plot 27.

3071. Brunfelsia nitida Benth.

A-JP
Plot. 32b. no number. West Indies,
1967. Shrub 1 m tall. ~~B~~ with
3072 (B. uniflora) grafted onto it.
Fr. orange.

3072. *B. uniflora* (Pohl) D. Don
A IP
HO subsp.
Grafted on #3071- *B. nitida*.
Fls. blue-violet fading white.

3073. *B. uniflora* (Pohl) D. Don
A IP
HO subsp. *australis* (Benth.) Plowman
Shrub 1.5 m tall. Fls. Violet
fading to white. X-14-164A
Photos (~~Plot 27~~) Plot 26

3074. *B. uniflora* (Pohl) D. Don
subsp. *australis* (Benth.) Plowman
68464. Shrub 0.5 m. tall. Plot 27.

3075. *B. uniflora* (Pohl) D. Don
subsp. *australis* (Benth.) Plowman
FG. # 3067. Shrub 0.5 m tall.
Plot 27.

3076. *B. bonodora* (Vell.) Macbride subsp. *grandiflora*
X-14-165. Shrub 2.5 m tall.
Steile. Plot 27.

Brouffelsing

3077. B. uniflora. Subsp. australis

HS
BIRM

Extensive shrub 1.5 m tall
Spreading by underground shoots.
FG# 59-739. Fls. violet fading
to white. Plot 25. Photos.

Kampong. 21 March 71.

3078 Citrus grandis.

ECON pummilo.
Tree 5 m tall, Fls. white.

3079 Casimiroa edulis.

ECON White sapote.
INRA Tree 15 m tall. FR. green.

3080. Pruteria campechiana

ECON Canistel.
Tree 12 m tall. FR orange.

discarded

~~3081. *Aegle marmelos*~~
Bael fruit.

Tree 10 m tall. Fr. green.

3082. *Myrciaria cauliflora*.

ECON
INPA Jaboticaba. Small tree 5 m.
Fl. cauliflora, purplish black.

3083. *Eugenia uniflora*.

ECON
INPA Small tree 5 m tall. Fr.
red.

3084. *Citrus*.

ECON
INPA Tree 5 m tall. Petals pink.

3085. *Clauseena*

ECON Wampi.

Tree 7 m tall. Fls. white.

3086. *Mangifera indica* L.

ECON
INPA det. TCF.
Tree 8 m tall. Rachis red.
Fls. cream.

Cambridge
3087. Breunfelsia bonodora?

Plant grown from cutting
from # 2080 - Bio Lab green-
house. flowered 15 Feb 71.

Pennsylvania.
Lebanon County; Walnut Springs.
24 May 71
with Albert Mehring

3088. Asimina triloba (L.) Dunal
Econ
"pawpaw"
Sm. tree to 5 m. Fls. sweet-scented,
reddish-purple-brown, pendant.
US Rich oak woods ~~was~~ in moist ravine
F, ~~11~~ foto.

3089. Comandra umbellata (L.) Nutt.
Econ
GH
K
Bastard Toothflax.
Herb frb. but parasite on dry sterile
cut-over area. Fls. white.

3090. Pyrus arbutifolia (L.) L.F.
E.W.

Low shrub in dry open clearing.
Fls pink-white.

3091. Clematis verticillaris (~~Mill~~) DC.
E.W.

Scrambling vine in rich rocky woods in moist ravine.

Cambridge, Mass. 15 July 1971.

3092. Atropa belladonna -

Herb 30 cm tall cult in greenhouse. Corolla tube pale green, lobes brownish-purple.

3093. Hippocrepis picta (Cavan.)
A.H.

Herb arising from fleshy bulb; Corolla ~~red~~ pink orange with yellow green veins.

N. Nigeria. Mt. Fatiango, Edo
R. Benue. Agulhas Negras.

3094. Gyrocarpus jatrophaefolius Domin
Ex 3030A

Sedling grown from tree Col-
lected at Lake Coatepeque,
El Salvador, C.A. Tree w's
c. 20 ft high with pendulous
3-winged fruits, one-seeded.
Seed Collected MAR 1971.

5 Aug 71

3095. Bruefelsia pauciflora

Shrub 1 m. tall cult. in
Bio. Labs Greenhouse. Fls.
deep purple fading ~~to~~ to pale
lavender.

from Proxima 2739 collected
at Itajai, S.C., Brazil

16 Aug 1971

3096. (Aureolaria) Guerrunipeticularis L.

Proton, Mass Herb 1/2 m. tall growing
on dry bank along road.
Fls. yellow.

17 Aug 1971. New Ipswich, N.H.
3097. Vitis labrusca Smith Village.

New Ipswich, N. Hampshire. Smith
Village. Cult. in houseyard.

3098. Sedum telephium L.

~~Wild~~ Escape from Cult. Adventive in
old pasture. Fls. ^{reddish} purple 10.6 m tall.

3099. Physalis pubescens L.
Kush-Tomato.

Cult herb. 2 ft. tall. Corolla yellow,
Stamens yellow.

3100. Pastinaca sativa L.
Wild Parsnip.

Herb 1.5 m tall in field. Escape.

3101. Mentha spicata L.

Spearmint. Field. Fls. lavender.

Sterling, Virginia 20 Aug 71.

3102. Chamaesyce.

GH

~~Fls.~~ Vacant lot. 1 m tall

3103 Eupatorium

GH

Open Woodland. 2 m tall. Fls rose.

3104. Amphicarpus bracteata (L.) Fern.
Desmodium det. B.S.

GH

Open woodland. Vine. Fls. white.

3105. Cassia fasciculata Michx.

Partridge Pea.

Vacant lot, Full sun, 1/2 m. tall.

Fls. yellow.

3106. Lactuca floridana (L) Gaernt.

GH

Open woodland. to 3 m tall. ~~of~~
Fl. blue.

3107. Collinsonia canadensis L.

GH

Horse-Balm

Damp open woods. Fl. yellow. to 1 m tall

3108. *Silene stellata*

GH Starry Campions,

Moist open Woods Fl. white,

Harrisburg, Pa. 26 Aug 1971

3109. *Cassia ~~missillandica~~ L.*

GH *hebecarpa* Fern.

Growing along Beaver Creek.

1.2 m tall. Open Habitat.

AM.
Ithaca, N.Y. 30 Aug 1971.

3110. *Cynanchum ~~venetoxicum~~ (L.) Pers.*

Herb
Vine

Cult. Poisonous Plant Garden.
Cornell Univ.

3111. *Menispermum canadense* L.

Herb
Vine Cult in Poison Plant Garden.
Cornell Univ.

3112. *Leonurus Cardiac* L.

ECON

Herb growing in farm yard.
1 m tall. Fls. pink-violet.

Cambridge, Mass. 31 Aug 71.

3113. Galinsoga ciliata (Raf.) Blake
ECON

Herb. to 0.5 m tall growing in
vacant lot Oxford st Cambridge,
Mass. Rays white, disc yellow.

15 Sept 1971

Cultivated at Roxbury, Mass.

3114. Cucurbita pepo.
ECON

3115. Sponsea violacea
cv. Flying Saucers.
ECON

3116. Capsicum annuum
"Banana Pepper".
ECON

3117. Cucumis melo
Cantaloupe
ECON

3118. Atropa belladonna
ECON Belladonna; fls. brownish-~~to~~ violet

berries black, shiny.

3119. Capsicum frutescens
Eca

3120. Nicotiana glauca?
Eca Flowering Tobacco. Fls white, fragrant.

3121. Datura stramonium L.
Eca Fls. bluish purple. Shrub 2 m.

3122. Broussonetia nitida Bth.

Cult. at Bio. Labs. Lvs. light green,
shiny.

21 Sept 1971. Cambridge, Mass.

3123. ~~Hesperis matronalis~~
F-JP Hesperis japonica Sieb. & Zucc.
Eca "Japanese Hop."

Vine. Growing as weed along Putnam
Ave. Camb.

3124. Cynanchum nigricans ^{OK}
Eca Agave Museum of Comp. Foo. Vine climbing A-JP

along base of building.

New York fern: *Thelypteris noveboracensis* n=27
long rhizome shoots, clustered leaves.
small pinnae toward base. crinoid-like.

Marsh fern: *Thelypteris palustris* n=35
scattered leaves on rhizome. lowest pinnae
large.

Thelypteris simulata

persistent leaf bases, storage - short compact rhizome,
short shoots. next seasons lvs. all formed in
fall.

9 Oct 1971.

3125. *Solidago flexicaulis*

Massachusetts: Franklin County: Deerfield.

Along Rt. 91, near intersection with Rt. 2.
Rich woods along stream at base of
steep embankment.

Flowers yellow. Many plants infected
with rust.

1 Oct 1971. Roxbury, Mass. Cult.
3126. Asarina

A-JP

Cult. vine. Corolla rose.

Climbing by twining petioles.
Seed from Lakheka Gardens, Costa Rica.

3127. Cobaea scandens

A-JP

Cult. vine. Corolla ^{red-}violet.

~~3128~~ 3128. Mimosa leucena leucocephala

A-JP
EON

Small tree 2m. tall grown in
pot. Grown from seed ~~but~~ collected
in Puerto Rico. Fls. white.

3129. Amaranthus retroflexus

Tall herb. Fls. Red.

3130. Belladonna

Herb cult. Frs. shiny, black.

3131. Cynanchum scandens

3131. Lagvaria siceraria

A-JP
Vigorous cultivated vine. Petals thin,
membranaceous, white, opening in
late afternoon. Fruit is 2 ft long

3132. Franklinia racemosa

A-JP
2 Oct fl. Cult. at Harvard
Univ. Greenhouse. Corolla tube
greenish, limb white turning
yellow. Fragrant (City of the Valley).

3133. Withania somnifera

A-JP
F Herb 2 ft tall cult. in garden
at Roxbury, Mass. Seed from
Beersheva, Israel.
Corolla greenish yellow. Berry
red-orange.

27 Oct 1971.

Ⓐ → K

5 November 1971.

3134. Brueflisia pauciflora
ssp. palycius

Grown from seed collected at Itajai, Brazil.
(Florman 2739). In bud.

3135. Brueflisia Americana L.

Seedling Grown from seed brought from
St. Vincent by Rt Howard. Cult. plant.

~~~~~

3136. Coleus Blumei cv.

Herb cult. in Bio Labs. Harvard.  
Lvs. tricolored: light green margin,  
pink at midrib and dark red in between.

3137. Coleus Blumei cv.

Herb cult. at Bio Labs. Harvard.  
Lvs. variegated - green, white, ~~pink~~ magenta.

28 Nov. 1971.

3138. Cannabis sativa

Cambridge, Mass. Harvard Univ.  
Growing among weeds up against building. Cultivated?

3139. Withania aristata Pocz.

Grown at Bio. Labs. from cutting obtained from Case Estates Greenhouse.

22 Dec 1971. Corolla pale yellowish-green. Foetid odor.

8 Feb 1972

3140. Brunfelsia lactea Kr + Urb.

① Shrub 1/2 m tall in greenhouse.  
Grown from seed (#2938).

3141. Brunfelsia lactea Kr. & Urb.

② Shrub 1/2 m tall in greenhouse.  
Grown from seed. (#2938)

28 Feb 1972

3142. Fraxelosia densifolia Kr. + Urb.

<sup>ELOW</sup>  
<sub>F</sub> Young plant growing at Woburn, NE. Univ. Greenhouse. Grown from seed of 2997. Collected at Mericao, Puerto Rico. About 1 yr. old. Flowering. Fl. white.

3143. Solidago flexicaulis

25 MAR 1972.

Cultivated at Bio Labs from seed collected at South Deerfield, Mass. (# 3125). Fls. bright yellow, odor of hyacinth. Seed sown 21 Oct 1971.



PANAMA: Province of Panama.

12 April 1972.

Coll. T. Plowman + At Weil

Near Tocumen Airport on road to Chepa.

3150.

Melastomaceae.

GH, K, US, S

Woody vine in 2<sup>o</sup> thicket along highway,  
full sun. Fruits light green.

(3)

3151. Apeiba

K GH

Spreading tree 30 feet tall in sun.  
Along road. Frequent. Fls. yellow.  
Fruits dark brown, schimate at maturity.

(2)

3152.

Loranthaceae.

GH K

Parasite on Apeiba \_\_\_\_\_ No. 3151.  
Fls white. Lvs. coriaceous.

(2)

Cerro Jefe. Hillside forest

3153. Columnea

Gesneriad

DUB, GH

Epiphytic climber. Lvs. firm,  
with 2-3 red splotches near apex,  
translucent.

(1)

3154. Tzbebuia

GH K

Small tree 2-3 m. Corolla bright yellow.  
Bark whitish. Full sun.

(1)

3155. Anthurium

GH K

Epiphyte in hillside forest. Lvs. shiny above,  
thick coriaceous, dull beneath. Fr. spadix  
reddish-brown.

(1)

3156. Monstera?

GH

(1) Epiphytic climber. Lvs. shiny both  
sides, coriaceous.

3157.

Araceae

GH Climber or terrestrial herb. Lvs. shiny,  
dark gr. above, pale gr. below. Coriaceous



(1) stems + petioles purplish.

3158. Anthurium?

(1) G# Epiphytic. Lvs. coriaceous, shiny dark gr. above, pale gr. beneath.

3159. Monstera?

(1) G# Epiphytic. Ls. shiny, yellowish green.

1985

FTG

live: Lyon

Jan. 1982

Road to Cerro Jefe.

3160. Bumelia dwyeri D. Arcy  
Vn. (Algodon montana)

Miss UC

Slender wandlike shrub or slender tree  
to 8 m tall. Trunk to 6-8 cm diameter.  
Bark grey to greyish brown, cracked some-  
what longitudinally.

Branches knobby, ~~mostly~~ naked;  
branchlets leafy, crowded.

Lvs. shiny, coriaceous, light to dark  
green, sometimes bluish, veins slightly  
raised, margin repand, midrib  
arched, concave below.

(21)

Fruits solitary, in various stages  
mostly subglobose to 2 cm diameter,  
dark, shiny green at first, then  
becoming corky, scultured, reticulate,  
4-fibred (appearing 4 lobular), green  
to light brown.

Seeds immature as yet.

Plants locally abundant but range  
very restricted to less than 1 km. stretch  
along road and now on verge of extinction due  
to burning of forest.

Use: bark + roots are used for remedy.

1

(A) → K

Isla Taboga. Taboga environs. 18 Apr. 1972

3161. *Spondias*

Anacardiaceae?

(3) GH, K, US, S

Small tree 5 m. tall used as fencepost.  
Perianth white, disc yellow. Sweet  
smelling. Lvs. shiny, dark green.

3162. *Solanum*

(3) GH, K, US, S

Prickly herb to 1 m high next to  
abandoned building near ~~shore~~ beach.  
Sepals light green. Corolla broader  
in bud fading to white. Fruit  
globose, bright orange.

Taboga

3163. Brumfelsia undulata Sw.

N.V. 'cachimba', 'cachimbita'

MICH  
(16) K, U.S.S., P, F, NY, L.

Commonly planted as hedge through-  
out Taboga. Spreading by under-  
ground parts, escaping by seed?

Shrub to 3 m tall, spindly, wand-  
like.

Bark

Branches growing straight, then  
bending over.

Leaves coriaceous, shiny, dark  
green above, pale green beneath.

Inf. cymose, subsessile.

Pedicel 7-10 mm, light green, 3 mm thick  
Calyx inflated, campanulate-subglobose,  
pale yellow green, shiny, 10-12 mm  
long, 8-10 mm diameter. Teeth rounded  
blunt, 3-4 mm long, recurving.  
(truncate)

Tube curving slightly upward,  
pale yellow green, pubescent in  
bud.

Limb <sup>flat</sup> undulate, pure white, fading  
to yellow, held at oblique angle to

tube, to 6 cm. diameter, lobes  
rounded, cross margined undulate,  
narrowed abruptly at base, overlapping.

Strong odor at night resembling  
gardenia - lily-of-the-valley.

Visiting by humming birds by day,  
& large bees which saw off corolla tube?

MDE → HUA

COLOMBIA 25 April 1982.

Antioquia: Chigorodó: c. 100 m.

MDE: Univ. ~~Medellin~~ Medellín.  
de Antioquia

3164. Erythroxylum panamense Turcz. ~~LEO~~ ~~ECO~~ MO

MDE, GH, K, US, S, F, P, W, NY, M, LE, ~~MO, AB, CO~~ ~~OL~~

(1) Arbolito 3 m. Fls. blancas, fr. verdes, brillantes; Hojas verdes claras, semi-brillantes, pallidas enves, membranacea. Cortex cafe-roja.

Edge of forest, in sunny location at edge of chosra.

ECON

3165. Petrala

MDE, GH, K

(2) Vine 5 m. at edge of forest in full sun. Calyx pale violet. Corolla violet. Lvs. thin, firm & tough.

3166.

Bignoniaceae

(1) Vine 2 m. in shady moist forest. Lvs thin, smooth. Fls. lemon yellow, calyx hyaline.

3167 Erythroxylum

(2) Small tree 3m. with spreading branches. Sterile. Lvs. firm, chartaceous. Shiny dark green above; dull & pale beneath.

3168. Euphorbiae.

4 MDE, GH, K, US, S.

Treelet 4m. Lvs. dark green above, lt. green below, somewhat shiny both sides, chartaceous. Fruits light green.

3169 Desmodium axillare (Sw.) DC. var. axillare  
MDE, GH, K, US Det B. G. Schubert 1975

3 Herb creeping on stream edge in shady forest next to Chocra. Fls. magenta.

3170. Arthurium.

GH Epihytic climber on tree trunk in pasture. Full sun. Spathe pink, curled. Spadic. lt. brown, pendulous.



Lvs. pendulous, coriaceous, shiny  
dark green above.

3171. Rhodospatha

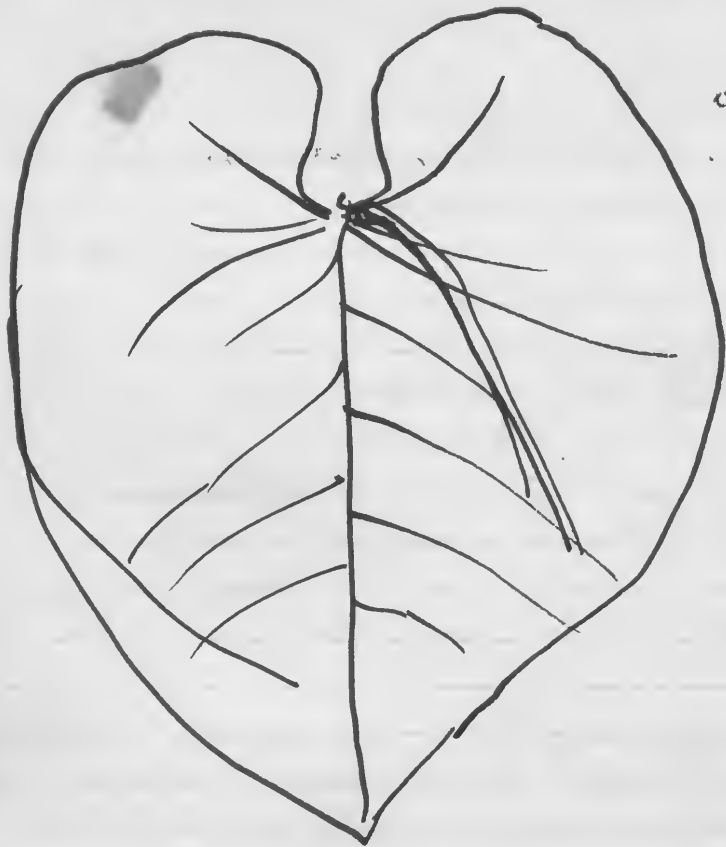
13 Large MDE, GH, K, US  
Large herb on moist cliff in full  
sun - 2 m tall. Lvs. 1 m. long,  
0.4 m. wide, ovate-lanceolate,  
subcoriaceous, dark green above,  
shiny, paler, duller beneath. <sup>Petiole</sup> ~~bracts~~ purple.  
~~Trunk~~ Trunk creeping 2 m. long,  
10 cm. diam.

Infl. axillary. Spathe rose,  
Fr. verde. Pedunculo verde.  
Spathe inside deep rose at base,  
white ~~strip~~ toward apex. Spadix  
♀ fl. - pale green; ♂ fl. white.

Philodendron cf. maximum K. Krause

3172. Xanthosoma <sup>?</sup> MDE

K Large herb 2 m. tall.  
GH Trunk 2 m long, creeping on  
steep moist cliff. Petiole c. 1 m.  
long, dark green with white streaks;  
lamina inclined 30° to petiole,  
cordate, coriaceous, dull,



9.

dark green above, pale green beneath, to 1 in long, to .7 in wide. Odor of carrot!

Infl. axillary; ~~Spa~~ peduncle white with green streaks. Spathe pale green beneath, white above; white within. Spadix ♀ pale green, ♂ creamy white. Fr. green at maturity.

26 April 1972. Chigorodó. c. 700 m.  
Secondary forest near town.

3173. Cleome Capparidaceae  
MDE, GH, K, US

3 Herb in choca - full sun weed.  
Calyx green, petals white, filaments  
purple. Fruit green. White tuber-  
cles on roots just beneath ground  
level.

(Jacq.) Miq.  
3174. Stemmadenia grandiflora Apocynaceae  
MDE, GH, K, US, S, P, P det. in Paris, 1982.

6 Small ~~tree~~ tree 5 m. tall in  
secondary forest. Calyx creamy-white,  
corolla tube creamy-white, limb  
yellow orange above, paler beneath.  
Frs. light green; milky latex.

3175. Anthurium

4 Rosette epiphyte. Lvs. to 1.5 m  
long, entire. Spathe green, red at  
margin. Spadix light brown, pendent.

3176. Clavija

2 MDE, GH, K

Small tree, few-branched; Infl.  
cauliflorous. Buds orange. (Common.)

3177. Pereskia cf. bleo (HBK.) BC.

MDE, GH, K, US

det Kew

2 Small weak tree to 5 m. Trunk  
spiny. Lvs. soft, succulent.

Tepals orange, filaments red-orange.  
Along stream.

3178

photo

Apocynaceae

Vine 3 m. in 2° thick. Calyx  
purple. Corolla tube white. Lobe  
lobes basally pink, distally white.  
Yellow corolla at mouth. Lvs. lt.  
green, shiny.

3179. Ardisia

MDE, GH, K

2 Tree 3 m. Lvs. dull, leathery. Infl.  
axis magenta. Fruit's green →  
black, shiny.

3180. Spochea membranacea Cuatr.

Malpigiaceae

5 MDE, GH, K, US, S, F

det. W. R. Anderson 1985.

Small tree 6 m. tall. Infl. pendant, glands creamy white, pedicel pink. Petals usqueaba-pink. Along stream in forest.

3181. Picramnia?

2 MDE, GH, K

Tree 10 m. Trunk with large spines. Fruits light green. Edge of forest.

3182. Piper

2 MDE, GH, K

Shrub to small tree to 3 m. Lvs. light green, shiny. Infls. white, erect. Forest or forest edge.

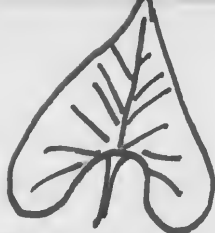
3183. Piper aduncum L.

3 MDE, GH, K, US

Tree 7 m tall. <sup>Zigzag</sup> Knobby branches. Infl. white, curved.

det. R. Collette 1981.

3184. Anthurium



Herb in forest 1.0 m tall.  
Spathe green, recurved. Spadix  
bright yellow orange.  
Photos → T. Croat.

3185. Anthurium

2 Herb in forest 1.5 m tall.  
Spathe green, erect, twisted  
Spadix deep red purple. Fruits  
white, tipped with red-purple,  
Suspended on funiculus. Lvs.  
hastate.

3186. Acelypha

MDE, SH, K, US, S

4 Tree 5 m tall in 2° thickets.  
Common. Infl. pendant, Fr.  
green.

3187. Costrum

MDE GIT K US S

5 Slender tree 5 m tall at edges of forest. Fls. brownish. FRs. green, turning black.

3188. Solanum cf. mammosum

1 MDE

Spry shrub in pasture 1 m tall. Fr. green with dark yr. markings, yellow-orange at maturity. Corolla violet. Fr. violently caustic when eaten!

28 April 72 - Medellín Elev. 1598 m.

3189. Fraxelsia uniflora (Pohl) D. Don

4

N.v. "Francesino"

Cultivated shrubs 1.5 m. Calyx x inflated, light green, teeth incurved. Corolla tube violet, limb violet fading white. <sup>throat</sup> pentagonal. Upper half of mouth rim white or yellow. Fls. green, rubbery; paler green beneath.

30 April 1972

Colombia - Antioquia

Llano de Ovejas, 5 km. before San Pedro, ~~15~~ km from Medellin

3190. Amanita muscaria L.

N. v. "flor de tierra"

Pileus to 8 inches across,  
bright red with white spots.  
Stipe white, volva white.

Strongly attracts out of flies which  
fall dead <sup>spinned</sup> soon after contact.

Along fence row of pasture  
under Eucalyptus

Flesh white, yellow just beneath  
cap.

3196 Stropharia cubensis Earle

Common mushroom in cow  
pastures growing in decomposed  
dung.

Stipe slender, to about 10 cm long,  
7 mm diameter, creamy white  
turning bluish-black on bruising  
or cutting, hollow. Annulus  
black. Pileus buff to G. brown,



shiny. gills brown, free.

2 MAY 1942 Bogota

3192. ~~Datura volcanicola~~

GH, K, US, S GL

Small tree 2m. cult. at Instituto de Ciencias Naturales, Bogota.

Brought from El Enceno, Depto. Nevado.

Fls. pendulous. Calyx brownish-green. Corolla light green at base, pink from middle to apex with green veins, flared slightly at mouth.

Bryomania sanguinea (R. & P.) D. Don  
subsp. volcanicola (Barclay) Lockwood

4 MAY 1972

Colombia: Cundinamarca

3 km S. of Usme on road to Chisacá.

Elev. 2975 m.

Coriaria ruscifolia L. subsp. microphylla

3193 Coriaria thymifolia (Poir.) L. Skog

NY Chirria dera GH, K, US, S, F

Shrub with arching branches 3 m.

Calyx ~~reddish~~ purple, Corolla yellowish-green. Fruits black at maturity.

Fruits said to be poisonous. Common.

3194. Cestrum parvifolium Willd.

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

0.3 - 1.00 m.

Straggling prostrate or erect shrub.

Foul-smelling. Corolla yellowish.

3195. Bucquetia glutinosa (L.f.) DC. Melastome

GH, K, US, S, F, P det Kew 1975

Common shrubs 1.5 m. tall. Corolla magenta. Anthers yellow.

Common.

3196. Castilleja fissifolia L.f.

Scroph.

5, GH, K, US, S, F, P

Straggly shrubs among bushes 1 m tall.

3197. Salpichroa tristis Miels

(17) GH, K, US, S, F, P, L, NY, M, LE, MO, RB, ~~CA~~, UC, BR, MS

Climbing vine with winged zigzag stems; somewhat woody, 3-4 m.

Calyx greenish-brown. Corolla tube yellow green; constricted slightly at apex. Corolla lobes yellow. Fruit an oval translucent berry, still green.

Fairly common. (A) → NY

(A) → K

3198.

Asclepiad

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

Twining herbaceous vine, 4 m tall. Corolla creamy-white. Milky juice.

3199. Solanum

6 GH, K, US, S, F, P

Tree 5 m tall with trunk ... 10 cm diameter. Corolla white. Fruit's green.

Petals reddish at  
mouth of calyx tube.

AAU

~~BB~~

HBG

MBM

B

UPS

IAN

VT

Leticia 7 MAY 1972.

Ricohetoyacu Puerto Narino.

c. 100m.

3200. Patinoa ichthyotoxica

K, U, S, S, F, P, L, NY, M,

30 Vn. sapotera (Witoto) LE, MO, RB, ~~BB~~

HC, BR, MG, W

Tree in posture 10m. Tall-compact. 5m. Branches nearly horizontal to main trunk.

Trunk cm. in diameter. Leaves drooping at pulvinus, stiff, thick chartaceous, dark green above, somewhat shiny, pale green beneath.

Branchlets pale brown-creaky, covered with thin epidermis which cracks off leaving branch smooth green.

Fls. solitary, subterminal; Peduncle pale green with 2-3 scalelike bracts. Pedicel ~~the~~ very short or fls. subsessile. Calyx tube thick, light green, 5-toothed. Fls. zygomorphic slightly, petals imbricate, fleshy, drooping, pale green with yellowish "rib" on ~~left~~ side (going clockwise), <sup>pale green</sup> ~~pinkish~~.

Filaments forming yellow tube, slightly incurved, the anthers united for about 2/3 of their length, then free, outermost ~~two~~ anthers free (forming

lamina. Pistil pale yellow, incurved,  
stigma 5-lobed, yellow.

Fruit subglobose, coffee-brown  
at maturity, roughish surface, 16 cm  
long, 14 cm diameter. Pericarp  
about 5 mm thick. Pulp sticky,  
yellow at maturity.

Seeds large c. 4 cm. diameter.  
About 15/fruit

Fls. tube chewed into by bees.

3201. Ormosia ~~venusta~~

5 GU, US, K, SF.

Tree 15 m tall on river bank in  
flooded area. Seeds bright red with  
black spot.

3202. Souroubea

1  
Epiphytic climbing shrubs 6 m. tall.  
Pulp of fruit brilliant red, exposed  
at maturity.

Col

8 MAY 72

Puerto Narino. Forest behind town.  
Secondary growth near chacras.

3203. Desmodium adscendens (L.) DC.

GH, K, US det B. J. Schubert 1975

Weedy herb in chacras. Fls.  
light pink.

3204. Guzunia spinulosa

6 GH, US, K, F, S.

Rare vine in chacra. Calyx  
tube bright orange, petals yellow  
fleshy.

3205. Cephaelis

2 Herbage shrub 1/2 m tall in deserted  
chacra. Fls oblong, yellow.

3206.

Caryophyllaceae.

2

1 m tall.

Common herb. Corolla to bright  
pink.

Selva poza perturbada. Wet, shady.

3207: Leandra longicoma Cogn.

Melastom.

4 GH, K, US, S. det Wurdack

Shrub 1 m. tall. Fruits green covered with <sup>red</sup> purple hairs. Corolla white.

3208.

Gramineae

1 GH

Grass on forest floor. Filaments white, anthers yellow.

3209. Begonia

3 GH K US

Epiphytic fleshy herbs. Fls. + fruits salmon-pink.

3210. Begonia

3 GH, K, US

Epiphytic fleshy herbs. Fls. + fruits white.

3211. ~~Alseodaphne~~ Piper.

1

lvs. greenish-black above, shiny. dark green, shiny beneath. Spadix gr. <sup>pendant</sup>.



3212 Solanum

4 C, H, US, K.

Lvs. dark green. Shrub to 1 m tall.  
in forest. Petals white. Fr. fleshy,  
red at maturity.

3213. Rubiaceae

4 G, H, K, US, F

Treelet 3 m-tall. Forest. Fruits  
dull orange.

3214.

Fern.

4 K, US, S

Terrestrial fern on forest floor.  
Common.

3215.

5 tree fern. Trunk 1.5 m tall c.  
6 cm diameter. Fronds 2 m. long.

Reclis spiny.

K, US, S.

3216. *Eucharis amazonica* *Amoryllidac.*  
2 GH, K. Lind.

Bulbiferous herb on forest floor.  
Capsule yellow at maturity. Fls. said  
to be white.

3217. GH, K, US,  
4 Acaulescent fern in forest.  
Fronds 1 m. long.

3218. *Apocynac.*  
5 GH, K, US, S.

Treelet 2-2.5 m. tall in forest.  
Fls. creamy white. Fruits paired,  
divergent, echinate, bright orange.  
Seeds black, 6-9/fruit. Aрил orange.  
Milky juice.

3219. Psychotria.

Shrub-treelet 1-2 m tall. Fruits  
yellow green turning red on  
maturity.

3220. Renalmia aff. breviceps ~~Alzantia~~.

2 US, GH

Herb 2 m. in forest. Bracts light green. Ovary & perianth orange.

→ 3221 = Spartina mislabelled "3221"

3221. Anthurium oxycarpium Poepp.

4 GH K, US,

Epiphytic with extensive root system. Spathe erect, later recurved. Spathe bluish (green) glaucous, <sup>light green.</sup> light green at maturity. Lvs. bright green above, pale green beneath.

FTG live

→ Philodendron paxianum Kr. det. T. Croat 1982.

3222. Philodendron cf. stenophyllum K. Krause

4 GH, K, US, S. P. HERTHAE K. KRAUSE T. CROAT 2000

Climbing epiphytic on tree. Stem with clear sap, strong odor of carrot. ~~Spathe~~ Spathe light green. Spathe deep pink above (♂), cream below (♀).

FTG live

3222A. Anthurium polyschistum R. E. Schult.

Creeping vine. Sterile.

Live only FTG uch.

Puerto Rico. 9 MAY 1972.

3223. Capsicum

Shrub 2 m. tall cultivated in garden in Puerto Rico.  
Fruits round, red.

3224. Solanum grandiflorum R. & P.

3 "Cocora silvestre"

Small tree 3 m. tall. Fls. violet.  
Fruits dull, dark green at maturity.  
Use: puer.ropa; estymante.

Remedio contra tumores, de fruto.

3225. Brouffelsia ~~breviflora~~ grandiflora sup. schultesii

K, GH, US, S, F, P, NY, L, M, E, MO, RB, UC

n.v. "Sungu"

BR, MG, W.

Slender tree to 4 m. in 2° forest. lvs. dull, dark green.  
Flowers few, small, violet fading to white, yellow at throat.

Veneno para ganado.

3226. Justicia poppigiana.

Slender leafy shrub 2 m. tall.  
Fr. light green.

The legend of the Parámu

"The Parámu de Cumandá" 16 mm.

McGraw-Hill

Contemporary Films

Gabriela Saper

3227: Aristolochia

Vine in forest with fluted bark. Pod green.

11 MAY 1972. Puerto Narino, Rio Amazonas.

fusca Loureiro

3228: Erythrina ~~XXXXXX~~ det Krukoff.

4 K

Lago Redondo. Floded forest margin.  
Fls. orange.

3229: Polypodium

4 Litt, K, US, S.

Climbing epiphytic fern.

3230.

2K Epiphytic fern on tree trunk. <sup>Polypodiaceae</sup>

3231: Polypodium

2 G, H, K, US

Climbing epiphytic fern.

3232. Solanum

V.n. "Sacha Congoupe"

3 Flooded forest. Fls. white  
Frs. green. Shrub 2 m.

3233. Psychotria

Shrub 2 m. tall. Fruits deep

red.

3233A Cult. Woburn: flowering specimen.

3234. Passiflora

Herbaceous vine in flooded  
forest. Frs. yellowish.

3235.

Jesueriad.

Epiphytic herb. Sub succulent.  
Fls. white. Frs. deep pink.

3236. Mutrichardia

Fls. white. Inundated

Leticia - 12 MAY 1972 C. 100 m.

3237. Brunfelsia ~~borodora (Vell.) Macbride~~  
91 K, US, S. grandiflora ssp. schultesii Plowman

Transplanted shrub 3 m tall  
in Wandurraga's backyard.

Fls. light violet, white or yellow  
at throat. Tube nearly white.

Lvs. smooth, somewhat shiny.  
Buds light green, obovate.

Fls. fragrant.

14 MAY - Bogota

3238. Crotalaria  
2

Cult. shrub 2.5 m. Banner  
yellow. Ciudad Universitaria.

22 MAY 1972 Jamaica

Trelowney Parish. Near Rio Bueno  
along road to Duncans, limestone  
Forest along Coast. highway.  
Near sea level.

3239 Oplonia armata (Sw.) Stearn Scroph?  
- AH var. pallidior Stearn  
K. Slender shrub 1.5 m. Lvs. shiny  
green. Fls. lavender with  
purple markings.  
det TCP

3240 Guazuma uluifolia Lam. Stercul?  
AH  
K<sup>US</sup> Small tree 3 m. Fls. creamy  
yellow.  
det. TCP

3241. Solanum havanense Jacq.  
AH K, US  
Slender shrub 1 m. Fls.  
pale lavender.

3241.A. Sapindus saponaria L. Euphorb?  
AH Shrubs 1.5 m. Fls. whitish.



~~3242~~ Potted, discarded! Bursera?

lgy. Shrub 3 m tall. Fls. white.

3243. Bauhinia divaricata L.

HT K, US

Shrub 2 m tall. Fls. white.

3244. Phyllanthus angustifolia (Sw.) Sw.

HT

W Roadside shrubs 1 m.

Bamboo.

3245. ~~Sida~~ Dotura candida

FCW

Cult. treelet 4 m. Corolla pendulous,  
white.

23 MAY 72 St. Annis.

3246. Echites umbellata Jacq. Apocynac  
HT K, us, S

Viva in sun along roadside.

Common. Fls. yellow. Between  
Brownstown + Alexandria.

---

Clarendon Parish.

Aeon town to McCoy. Limestone wood-  
land.

3247. Eugenia glabrata (Sw.) DC. Myrtac?  
HT K

Shrub 2 m. Fls. green.

3248. Croton humilis L. Euphorb

HT K

Shrub 2-3 m. tall. Perianth  
cream.

3249. Acalypha laevigata Sw.

HT

Shrub 2 m tall. Lvs. shiny.

3250. Croton laurinus Sw. Euphorb

HT

Shrub-trelet 2 m.

3250-A. Argemone mexicana L.  
Roadside weed.

3251. Brunfelsia plicata Urb.

Att K, US, S, F, P, N, Y, L, LE

Slender shrub - treelet to 4 m.  
tall. Lvs. shiny above, smooth,  
leathery. Sterile.

MICH

✓

3252. Blakea trinervia L. Melastom.

Att K

Shrub 1.5 m. Lvs. shiny green  
above. Petals pink.

3253. Oneidium pulchellum Hook. Orchid.

Att K

Epiphyte on trees. Fls. lavender-  
pink, yellowish at center.

3254. Columna rutilans Sw. Gesneriad.

Att K

Epiphyte. Lvs. green above,  
reddish beneath. Pedicels, calyx  
red. Fr. green.

Island View Hill, Trelawney.

3255 Bunchosia media Malpighiac.

A, K (Ait. f.) DC.

Slender treelet 4-5 m. Fls. yellow.  
Lvs. coriaceous.

3256 Solanum troyanum Urb.

~~A, K, U, S~~ A, K, U, S

Slender shrub growing in moist crevices, 2 m. tall. Fls. violet. Podicels deep purple. Fis. dark bluish-green.

~~Barbecue Bottom~~ Barbecue Bottom, just above, along road on cliffs.

3257. Portlandia coccinea Sw.

~~A~~ A

Branched shrub on limestone cliff, to c. 1 m. tall. Corolla cream, calyx reddish-brown. Lvs. coriaceous, shiny.

3258. Lisianthes troyanum Urb.

~~A, K, U, S, P, L~~ A, K, U, S, P, L

Shrub to 1 m. along roadside. Fls. yellow. Full sun.

3259. Calliandra comosa (Sw.) Benth. Mimosac.

<sup>A</sup> slender <sup>K</sup>  
Shrub 1-2 m. along road. Calyx  
lt. green. Stems cream

3260. Hamelia cuprea Griseb.

A-K, US, S  
Small tree 4 m. along road.  
Corolla deep yellow.

---

St. Ann's. Luusden, Content.

3261. Solanum wendlandii Hook. f.

A-K  
Escape from cult. along fence-  
rows. Corolla pale violet.  
Prickly scrambler.

MAY 28, 1972.

MIAMI, FLA. Fairchild Trop. Gardens.

3262. Erythroxylum Coccolan.

ECON

Shrubs 3 m. Cult. Frs. red.  
Cult.

3263. Broussaisia uniflora (Pohl) D. Don

VEN

Shrubs 1 m. in shade. Fls. violet,  
fading white.  
Cult.

australis Benth.

3264. Broussaisia uniflora (Pohl) Don.

CAY

Shrubs 1 m. in shade. Fls. violet, fading  
to white. Cult.

3265. Broussaisia nitida Benth.

VEN

Shrubs 2 m. Fls. yellowish. Cult.

---

12 June 1972.

3266. Broussaisia americana L.

Shrubs cultivated at Bio. Labs green  
house. Corolla white turning yellow.

~~Fr~~ seed collected in St. Vincent.

(=3370)

3267. Broufelsia uniflora  
ssp. pilosa

Cult. shrub 30 cm. Fall in  
greenhouse. Corolla violet fading  
to white. (cf. 2963).

26 June 1972

3268. Broufelsia nitida Benth.

~~3268~~ Cult. Bio. Labs. from seed of  
2915.

Corolla creamy white, tube greenish  
white. Lvs. shiny.

9 July 1972 Woburn, Mass.

3269. Brayleya jamaicensis

Ecov. P.

Shrub 2.5 ft. tall with erect branches.

Flowers crowded, single, axillary in 2 successive nodes of end of next to last flush of growth.

Bracts ~~are~~ small,  $\approx 1$  mm long, lanceolate, early caducous, turning brown.

Pediceal thick and short, 3 mm diameter, 5-6 mm long, green.

Calyx tubular, slightly inflated, 12 mm long, 7 mm diameter, somewhat 5-ribbed, teeth rounded-blunt, 3 mm long, pubescent.

Corolla tube straight, or slightly incurved at apex, 5 mm diameter, 7.6-7.8 cm long, green, pubescent.

Corolla limb highly undulate, 7 cm diameter, lobes subequal, 2.9 cm long, rounded, ~~are~~ sharply narrowed at base, creamy white, with strong odor of gardenia.



3270. Brumpelsia uniflora.

low shrub, cultivated. Fls. violet fading to white. Ring at throat white.  
from Fantastic Gardens

12 July 1972

Roxbury, Mass. Gardens.

3271. Sisymbrium altissimum L.

v.n. "Turnble Mustard"  
Petals yellow. Weed.

3272. Anethum graveolens L.

Fls. yellow. Weed.

3273-

Caryophyllae.

Fls. white. Weed.

3274 Medicago lupulina L.

Black Medick.

Fls. yellow. Decumbent Herb. weed.

3275. Urtica dioica L.

Stinging Nettle.  
perennial weed.

3276. Galinsoga ciliata (Raf.) Blake

Rays white, disc yellow. Weed.

3277. Matricaria matricarioides (Less.) Porter

Pineapple weed.

Weed in driveway. Heads yellow.  
Scented.

3278 Chelidonium majus L.

Celandine.

Fls. yellow. Juice yellow-orange.

3279 Commelina virginica L.

Dayflower.

Fls. blue. Weed.

3280 Trifolium repens L.

White Clover.

Fls. white. Creeping weed.

3281 Capella bursa-pastoris (L.) Medic.

Fls. white. Weed.

3282. Plantago major L.  
Plantain.  
Weed in driveway.

3283. Allium Cepa L.  
Onion.  
Fls. white.

3284. Pisum sativum L.  
Pea  
Fls. white.

3285.  
Chervil.  
Cult. biennial? Fls. yellow.

3286. Petunia violacea Lindl.  
Petunia Corolla waxy.  
Escape.

3287. Comp.  
Rays white. Disc yellow.

~~3288~~

<sup>9</sup>  
~~7~~ July 1972. Woburn.

3288. Brunfelsia pauciflora

VEN

var. calycina

Corolla violet fading white.  
Shrub 0.5 m. from Longwood

3289. Brunfelsia leucifolia

Shrub 1 m. Corolla creamy  
yellow.

3290. Brunfelsia americana L.

VEN

Shrub 1 m. from St. Vincent W.I.  
Corolla creamy becoming yellow.

12 July 1972. Roxbury, Mass.

3291. Lepidium virginicum

Peppercross.

Fls. white.

3292. Chrysanthemum coronarium L.

Chop suey Greens.

Rays yellow distally, golden basally.  
Used for salad greens.

12 July 1972 Arnold Arboretum  
Jamaica Plain, Mass.

3293. Vitex agnus-castus  
White chaste tree Cultivar alba  
Shrub 3 m. tall.

3294. Vitex negundo Cr. heterophylla  
"Cutleaf Chaste Tree"  
Shrub 3 m. tall.

3295. Indigofera kirilowii  
Shrub 2 ft. Fls. pink.

3296. Broussaisia latifolia (Pohl) Benth.

Grown from seed sent by Kennedy  
& Araujo.

Coll. T. Plowman & H. Kennedy

MAINE: Sagadahoc County: Environs of Baypoint  
at the mouth of the Kennebec River. Heal's Eddy.  
15 July 1972

3297. Angelica lucida L.

Herb 1.5 m tall in <sup>beach</sup> seaside meadow.  
Fls. white.

3298. Myrica Gale L.

Shrub 1 m. tall, along roadside in sand.

3299. Kalmia angustifolia L.

Sheep laurel

Woods. Corolla magenta. Shrub 1/2 m.

3300. Lathyrus maritimus (L.) Bigel.

Beach Pea

Vine on beaches, forming thickets.

Fls. magenta.

Seeds edible & delicious.

3301. Cheuspodium tuberosum L.

Beaches & salt marshes. Foliage red.  
Young foliage a delicious pot herb or salad green.

3302. Triglochin maritima L.

Arrow Grass.

Salt marsh. Herb. Abundant.

3303. Glaux maritima L.  
Sea Milkwort

Succulent herbs in salt marsh. Fls. pink.

3304. Thuja occidentalis L.

White Cedar <sup>Swampy</sup>  
Tree 5 m. tall in coastal forest.

3305. Ilex verticillata (L.) Gray

Shrub 3 m. along roadside in swamp.  
Fls. white.

3306. Lobelia Kalouii L.

Slender herbs in salt marsh & along sandy roadsides. Fls. blue-violet.

3307. Convolvulus sepium L.

var. communis Trigon  
Vine. Roadside weed. Flowers pink.

3308. Trifolium agrarium L.

Hop Clover.  
Roadside weed. Fls. bright yellow.

3309. Potentilla Anserina L.

Silverweed.

Stoloniferous herbs in salt marsh.

3310. Aralia nudicaulis L.

W. H. Sarsaparilla

Herb in woods. Fr. green.

3311. Aralia hispida Vent.

Sterile clearing on rock. Fls. creamy-white.

3312. Figueticum scoticum L.

Witch Lorage.

Salt marsh herbs  $\frac{3}{4}$  m. tall. Fls. white.  
Stems purplish.

3313. Drosera rotundifolia L.

Quaking Sphagnum bog. Petioles, hairs red.

3314. Vaccinium Oxycoccus L.

Cranberry.

Sphagnum bog. Yg. fruits reddish ~~red~~  
white.



3315. Utricularia cornuta Michx.

Edge of Sphagnum bog. Abundant. Fls. yellow.

3316. Eriocaulon parkeri Robins

Sphagnum bog. Heads white.

3318. Xyris torta Small

↑ Sphagnum bog. Fls. yellow.

3317. Nymphaea odorata Ait.

~~Fls.~~ Aquatic herb in bog. Petals white.

3319. Pogonia ophioglossoides (L.) Ker.

Open bog. Fls. magenta-pink. Abundant.

3320. Clasprogon pulchellus (Sw.) R. Br.

Grass-pink.

Open bog. Fls. magenta-pink.

Coll. T. Plowman & H. Kennedy

MAINE: Sagadahoc County. Environs of Baypoint  
at the mouth of the Kennebec River. Heal's  
Eddy. 15 July 1972.

3321. Spartina  
(3) F Roadside herb. Grassin.
3322. Agrostis  
(1) F Salt-marsh herb. Grassin.
3323. Panicum  
(2) F Roadside herb. Grassin.  
BM
3324. Glyceria canadensis  
(2) F Roadside. ~~Sagadahoc Co.~~ Grassin.  
BM
3325. Poa compressa L.  
(2) F Roadside herb. Grassin.  
BM
3326. Phleum pratense  
(2) F Roadside meadow. Gram.  
BM
3327. Scirpus  
(1) F Salt marsh herb. Cyper.
3328. Eleocharis  
(2) F Salt marsh herb. Cyper.  
BM

3329. Carex folliculata L. Cyper.  
F (1) det. A. A. Reznicek 1987.  
Roadside marsh. Herb.

3330. Eleocharis Cyper.  
F (2) salt marsh. Herb.  
BM

3331. Sedge. Cyper.  
F (3) salt marsh. Herb.  
BM, NEBC

3332. Juncus Cyperac.  
(1) F salt marsh. Herb.

3333. Hordeum Gram.  
(1) F salt marsh. Herb.

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3334. Scutellaria epilobii folia

New Hampshire - Maine boundary.  
In woodland marsh along Rt. 95.  
Fls. blue-violet.

Roxbury, Mass. 21 July 1972.

3335. Parthenocissus quinquefolia

Cult. vine.

3336 Aesculus Hippocastanum L.

Cult.

Tree 10 m. Fr. green.

3337. Acer pseudo-platanus L.

Tree 15 m.

3338. Acer platanoides L.

Tree 15 m. Norway Maple.

3339. Polygonum pennsylvanicum L.

Common weed in gardens.

3340. Ligustrum ovalifolium Hassk.

Privet.

Hedge. Fls. white.

3341. Solanum Americanum L.

Weedy

Herb 1 m. tall in garden.

Berries black.

3342. Cichorium intybus L.

Fls. blue. Weed 1 m. tall.

3343. Clematis recta L.

Herbaceous climber 5 ft, perennial.  
Fls. white.

3344. Saponaria officinalis L.

Weed in waste places, 2 ft.  
Fls. pale pink.

3345. Lactuca sativa L. cv. "buttercrunch"

Lettuce.  
Roxbury, Mass. Cult. in garden.  
Fls. yellow

3346. Hydrangea arborescens L.

Shrub 2 m. Cult. Fls. white.

3347. Beta vulgaris L.

Beet.  
Escaped herb in garden. Stem  
red.

3348. Angelica archangelica L.

Cult. perennial herb 2-3 m. tall.  
Fls. whitish.

Woburn, Mass. 1 Sept 1972

3350. Brunfelsia undulata Swartz.

CR. Cult. shrub 2 ft. lvs. subt-  
NY Coriaceous, dark green, shiny above.  
CORD Calyx light green, inflated.  
PMA  
EAP  
TEX  
MO  
FLAS  
UC  
Plant from Puerto Rico where  
cultivated. Native of Jamaica.  
= 3002

B  
NY  
CORD  
PMA  
EAP  
TEX  
MO  
FLAS  
UC  
SEL  
OCA

3351. Brunfelsia undulata Swartz

Origin: Cultivated in Puerto  
Rico, near Ponce.

Shrub 1 ft. = 3002.

3352. Brunfelsia undulata Swartz

Origin: Fantastic Gardens,  
Miami, Florida. Cultivated.

= 2959.

3353. Brumfelsia latifolia Benth.

G ECON  
UEC BOG  
MEXU

Cult. at Woburn, Mass.

Voucher for

Seeds collected by H. Kennedy  
and D. Araujo, Brazil

~~Set~~ Chromosome

State of Rio de Janeiro, Pedra  
da Itaipira.

Count n=11

22 Oct 71 → Planted / 9 Dec 1971. transplan  
Shrubs 1 ft. tall. Fls.

live → SEL

pale violet (lilac) above,  
fading to white. White  
beneath.

3354. Brumfelsia latifolia (Pohl) Benth.

same as 3353. (seedlot)

Cult. Woburn, Mass.

3355. Brumfelsia latifolia (Pohl) Benth.

same as 3353. (seedlot).

Cult. Woburn, Mass.

3356. Brumfelsia latifolia (Pohl) Benth.

same seedlot as 3353.

Cult. Woburn, Mass.



3357. Brumfelsia uniflora

Seed collected at São Paulo,  
Brazil by Dr. Lynn Margolis.  
Cult. plant.

3358. Same as 3357. Brumfelsia uniflora.

3359. Brumfelsia grandiflora var.

From cutting from Longwood Gardens,  
# 591167 (#97) called Brum-  
felsia hopeana. Planted 16 Sept  
1969. Never flowered.

3360. Brumfelsia Jovyeri D'Arcy

Grown from seed sent by Al  
Gentry. Transplanted 15 Dec 1971.  
Cult. Woburn.

3361. Brunfelsia jamaicensis

F  
RB  
MEXU

Grain from seed from  
Plowman 2970, collected  
at John Crow Peak, St. Andrew  
Parish, Jamaica.  
Tender shrub cult. at  
Woburn.

3362. Brunfelsia jamaicensis  
same as 3361.

3363. Brunfelsia jamaicensis  
same as 3361.

3364. Brunfelsia jamaicensis  
same as 3361.

3365. Brounfelsia densifolia Kr. et Urb.

Grown from seed from Provenance #2997 collected at Maricao National Forest, Puerto Rico.

Slender shrub, 1 m.

Fls. terminal, tube yellowish green. Unopened fls. creamy-yellow.

COG  
TEX  
GT

ult.  
U-Chi.  
UEC  
HBT

CORD  
CR Barle Mex., Dimitri J. ...  
GB  
R  
PMA  
FLAS  
TEX  
UC  
SPF  
LP

3366. Brounfelsia densifolia Kr. et Urb.  
same as 3365.

3367. Brounfelsia densifolia  
same as 3365.

3368. Brounfelsia densifolia  
same as 3365.

3369. Brounfelsia densifolia  
same as 3365.  
Cult. Roxbury.

3370. Brumfelsia americana L.

Cult. at Woburn, Mass.  
from seed collected by  
R.A. Howard + R. Weaver  
on St. Vincent, W.I.,  
from 2 cultivated  
specimens.

Shrub 1 m. tall.  
one plant to MO: 9 Apr 86.

BOG  
MEXU

F  
EON  
G  
UEC

HBG.  
AAR  
SEL

MO  
NY

3371. B. americana

ROJ

same as 3370.

3372. B. americana

same as 3370.

3373. B. americana

same as 3370.

3374. B. americana

same as 3370.

3375. B. americana

DUB

same as 3370.

3376. Brunfelsia americana  
Same as 3370.

3377. Brunfelsia americana  
same as 3370.  
Cult. Roxbury. Fruit green.

3378. Brunfelsia americana  
Same as 3370.  
Cult. Roxbury.

Cult. Bio Labs. → Woburn

3379. B. americana  
Same as 3370.

3380. Brounfelsia nitida Benth.

RB  
MEXU  
BOGT

Grown from seed from  
Plowman 2915 collected  
at Jardim Botânico de  
Rio de Janeiro.  
Cult. Woburn.

3381. Brounfelsia nitida  
Same as 3380.

3382. Brounfelsia nitida  
Same as 3380.

3383. Brounfelsia nitida  
Cult. Bio Labs.  
Same as 3380.

3384. Brounfelsia nitida  
Cult. Bio Labs.  
Same as 3380.

3385. Brouffelsia lactea Kr. + Urb.

NY  
MO  
CORD  
PMA  
TEXU TEX  
UCL GB  
BGT. LC  
FLAS  
SEL G  
DUKE SPF  
CR

Grown from seed collected  
at El Yunque, Yuguillo  
Nat. Forest, Puerto Rico,  
by Dr. R. A. Howard & Corriol  
Wood.

Slender shrubs, to 1 m.  
Cult. Woburn, Mass.  
live → Chicago Bot. Garden

3386. Brouffelsia lactea  
same as 3385.

3387. Brouffelsia lactea  
same as 3385.

3388. Brouffelsia lactea  
same as 3385.

3389. B. lactea  
same as 3385.

3390. B. lactea  
same as 3385.

3391. Brunfelsia maliformis

F  
MEXU  
G  
MO  
NY

Seedling plant  
brought from Jamaica.  
Started by Dennis Adams  
Dec. 1970.

3392. Brunfelsia pauciflora

FLOR

Cuttings: Montgomery  
S.E.L

Shrub 1 ft. tall cult.  
at Bio Labs then moved  
to Woburn Greenhouse.  
Prolific flowering.  
Fls. violet (deep) when  
first open fading pale  
violet with age.

~~Chromosome~~  
Voucher for  
Chromosome  
Count  
 $2n = 22$

?? ( Reputedly equal to #1918 from  
Edo. Bolívar, Venezuela but  
there seems to be some que-  
tion whether ~~the~~ this way  
confused with another



plant cultivated at Arnold  
Arboretum, Jamaica Plain.

3393. Brunfelsia australis

from 2738 collected in Misiones,  
Argentina.

Planted in permanent garden.  
Shrub 2-3 m.

Miami, Florida.

2 August 1973.

3394. Xanthosoma jacquinii Schott

Coral Gables. Cult. in garden.  
Spathe white. Spadix white.

3395. Catha edulis

Slender tree 4 m.  
Gifford Arboretum. Univ.  
Miami.

3396. Syzygium cinnam

Tree 15 m. Fruits  
dark purple.  
Gifford Arboretum.

3397. Erythroxylum Coca Lam

ECON

Spreading shrub 3 m.  
Lvs. light green. FRs.  
red.

3398. Brunfelsia uniflora

FTG. Shrub 1.5 m. tall.  
Fls. light violet.

3399. Xanthosoma nigrum (Vell.),  
Manuf.

Madison) Cult. at Woburn, Mass.  
Coll. 15 July 73.

Rhizome brought from  
Lumsden, St. Ann, Jamaica.  
where cultivated for  
ornamental purple  
foliage.

Mt. Kisco, N.Y. 5 Aug 73

3400. Dioscorea villosa L.

3401. Pycnanthemum muticum  
(Michx.) Pers.

3402. Penthorium sedoides L.

3403. Clethra alnifolia

3404. Hernandium lanatum Michx. Umbell.

<sup>B</sup>  
3405. Vitis labrusca L.

3406. Hydrangea

3407. Toxicodendron vernix (L.) Ktze.

3408. Polygonum trifolium L.

3409. Impatiens glandulifera Boyle

3410. Apios americana

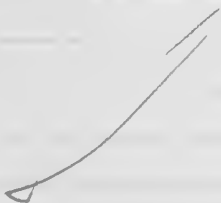
3411. Alnus serrulata (Ait.) Willd.





Peace Corps - Calle 20 / Km. 9. Lottery Bldg.  
Research + Study plan.  
William Acosta - Placement + Programming  
Peace Corps office

Ford Foundation - N.Y. office:  
Traveling Research fellowship.





Duplicates at ~~2000~~<sup>COL</sup> - to send labels.

1950

1934 Tillandsia

1935 Cuscuta

1936 Solanum

1937 Brunfelsia uniflora

1938

1939 Datura sanguinea

1940 Cestrum

1942

1943

1944 Polypodium murorum

1945 Piper

1950 Elaphoglossum

1952 Jamesoni

1956 Azorella

1957 Geranium

1958 Gentiana

1959

1960 Nertera

1962 Ranunculus guzmanii

1963 Gentiana

1964

1965

1966

1967

1968 Castilleja

1969 Espeletia

1970 Ribes

1971 Senecio steubeli Hier.

1973

1974 Loricaria thuyoides

1976 Agrostis foliata Hook. f.

\* 1986 Palcochara colombiana Pennell

\* 1987 Palcochara chelidonioides HBK.

1988

1989

1991 Passiflora

1992 Passiflora

1993

1994 Lobelia

1996

1998

1999

2001 Tachroma umbrosa

2002 Cestrum

2003 Solanum

2004 Canna

2005 Cestrum

2006 Cestrum

2007 Brunellia

2011 Sol.  
2013  
2014  
2015  
2016  
2017 Solanum  
2020 Erythroxylum coca  
2022(3) Anthurium  
2023  
2025  
2026 Anthurium  
2027 Anthurium  
2028 Anthurium  
2029 Anthurium  
2030 Ficus  
2031 Philodendron  
2033 Anthurium  
2044 Sol.  
2045  
2046  
2048 Philodendron  
2049 Philodendron  
2052 Anthurium  
2053  
2054 Bellucia  
2055  
2060

2061  
2063 Begonia  
2067 Anthurium  
2069  
2070  
2071  
2072 Saccoloma  
2073 Alsophila  
\* 2074 Bromelia Vuzeplana Killip  
2076 Mayna  
2077 Guano  
2078  
2084  
2085 Solanum  
2087  
2088 Solanum  
2089  
2093 Piper  
2094 Ocotea  
2095  
2098 Sol.  
2099 Sol.  
2101  
2105  
2106  
2107  
2108

- |                                     |                                   |
|-------------------------------------|-----------------------------------|
| * 2109. <i>Justicia pelizanthia</i> | Leonard 2152                      |
| 2110                                | 2153                              |
| 2111                                | 2154. <i>Herrania</i>             |
| 2114                                | 2155 <i>Aristolochia</i>          |
| 2115                                | 2156 <i>Couroupita guianensis</i> |
| 2117 <i>Visunia</i>                 | 2157. <i>Croton</i>               |
| 2118                                | 2159 <i>Bauhinia rufipes</i>      |
| 2120 <i>Ficus</i>                   | 2160 <i>Solanum</i>               |
| 2121                                | 2161. <i>Dioscorea</i>            |
| 2122                                | 2162.                             |
| 2123 <i>Aristolochia</i>            | 2163. <i>Solanum</i>              |
| 2124                                | 2164.                             |
| 2125                                | 2165. <i>Croton</i>               |
| 2127 <i>Crotiostemma</i>            | 2166.                             |
| 2128 <i>Warczewiczia</i>            | 2167. <i>Cassia</i>               |
| 2133 <i>Hemitelia</i>               | 2168                              |
| 2134 <i>Rapatea</i>                 | 2169                              |
| 2136 <i>Pityrogramma</i>            | 2172                              |
| 2137 <i>Croton</i>                  | 2173.                             |
| 2138                                | 2176. <i>Justicia ochracea</i>    |
| 2139 <i>Polypodium biflorum</i>     | 2178. <i>Solanum</i>              |
| 2140 <i>Monstera</i>                | 2179. <i>Solanum</i>              |
| 2141                                | 2180. <i>Solanum</i>              |
| 2142. <i>Phyllis</i>                | 2181.                             |
| 2143                                | 2185. <i>Solanum</i>              |
| 2144                                | 2190.                             |
| 2147. <i>Mahoe</i>                  | 2191.                             |

2192. *Erythroxylum coca*  
2193. *Mazihot esculenta*  
2195.  
2196.  
2197. *Bunchosia armeniaca*  
2198. *Melia azo karach.*  
2200. *Cheurpotium ambrosioides*  
2204. *Solanum*  
2206. *Solanum*  
2209.  
2210.  
2211.  
2212.  
2213.  
2215.  
2216.  
2218. *Pepikuthus*  
2219.  
2220.



Brunfelsia Labels.

281-3

2091-9

2092-9

2151-18

2175-5

2183-6

2184-4





HM



