

2

RECORD

CRPT

BOT

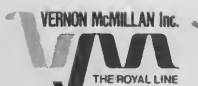
Plowman

023

TIMOTHY PLOWMAN
BOTANY DEPARTMENT
FIELD MUSEUM OF NATURAL HISTORY,
CHICAGO, ILLINOIS 60605

11550

LYON ARB = HLA



ACCOUNT BOOKS

144 PAGES • 7 $\frac{7}{8}$ IN. x 5 $\frac{1}{4}$ IN. (20 cm x 13.4 cm)

AVAILABLE AS:

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VERNON McMILLAN, Inc., ELIZABETH, N.J. 07208

2454

2

PERU: Dept. San Martín. Prov. Mariscal
 Cáceres. Distrito Toccha Nuevo.
 Recreo La Charapita, ca. 3 km. north
 of Puente Toccha on road to Tingo María.
 20 Dec 1981. Alt. 530 m. Coll. T. Plowman and
 J. Schunke

11550. Cyphomandra OBLIQUA (R. & P.) SENDTNER ^{So. Peru}

(11) n.v. chupo secha DET. L. BOHS 1986

seed: Egan Cult. treelet 3 m tall. Lvs. shiny
 photos dark green above, pale dull green
 beneath. Fls. pale green. Mature
 USM fruits pale green.

F-2
 CORD-2
 GH K
 MO NY
 BH 4
 INPA
 COL

use: juice of leaves + stem used as
 analgesic + sedative, for hangovers,
 body aches, etc.

→ Digitaria insularis (L.) Mez ex Ekman det. Pohl 1983

11551. Digitaria swalleniana Henr. grsm.

F (4) grass in cleared area in hill top
 chacara. ~~very common in the area~~
~~det. Davidse 1982~~
 USM
 MO
 ISC

11552. Spondias purpurea L. Anacard.

F (3) n.v. "ciruelo"
 Cult. tree 6 m. tall. Fruits
 immature, green.

→ D. insularis (L.) Mez ex Ekman det. Pohl 1983

11553. Digitaria swalleniana Henr. grsm.

F (4) grass in hilltop chacara.
 det. G. Davidse 1982
 USM
 MO
 ISC

DEC 20 1981

11554. Monotzima laxum (P. + E.) Schum. Marant.

(4) Herb forming clumps to 80 cm tall. Calyx creamy white. Corolla pale green. Stamens orange. Petaloid staminode white. Bracts olive green.

fotos
USM
F
GB
WIN

11555. Chamissoa altissima (Jacq.) HBK. Amaranth.

(6) vine in open thicket on hillside. Bracts carmine red. Fls. white. Seeds shiny black.

USM K
F GB BISH

11556. Chamissoa altissima (Jacq.) HBK. Amaranth.

(5) vine in open hillside thicket. Fls. pale greenish.

USM K
F GB MO NY INPA

11557. Xylopia cuspidata Diels Annon.

(5) Shrub 2 m-tall in secondary forest. Lvs. shiny dark green above; pale glaucous dull green beneath. Fls. creamy yellow.

USM INPA MO
F
U

det. Mars + van Setten 1987.
! D.M. JOHNSON 1989

11558. Catasetum sp. ♂ Orchid.

(2) Epiphyte on rotten tree trunk in secondary forest. Ovary and sepals

F
USM

purple-black. Lip cream.
det. E.A. Christensen 1982.

11559.

11559 Pariana sp.

Gramin.

F (2)
USM

Rhizomatous grass on hillside
in secondary forest.

SEL 82-46.

11560. Costus PRODUCTUS GLEASON EX MAAS zingib.
sp. nov. VAR. PRODUCTUS

(15) Rhizomatous herb 50 cm. tall

photos
live
seed
AI.
Lyn
SEL
uchi

Rhizomatous herb 50 cm. tall
in chacara with yuca + café.

Breets bright red. Calyx red.

Corolla red-orange. Staminodes
red. Fruits white. Seeds black.

n. v. sacha heiro colorado det. P.J.M. Maas 1982.

USM, F, U, K, NY, MO, US, GB, ANU, P, AL, G, GH
DUKE
DET. P.J.M. MAAS 1994 (U)

(A) → U

11561. Piper aduncum L.

Piperaceae

(4) Shrub 2.5 m. tall in open
thicket. Spikes cream, turning
green in fruit, erect re-
curved. det. R. Callejas 1987.

USM
F
NY
K

Lindernia

11562. Lindernia diffusa (L.) Wettst. Scroph.

(3) Creeping weedy herb in open
area along trail. Corolla tube
white. Upper lip reddish, lower
lip white.

USM
F
NY

! N. HENSOLD 2000 det. K. Vincent 1985.

DEC 20 1981

11563. Pseudelephantopus spiralis (Less.) Cronq. Comp.

F (3) Weedy herb forming carpets
USM on open ^{cleared} slopes along trail. Fls. pale
LP violet. det. M. Dillon 1982

11564. Fleischmannia microstemon (Cass.) K. + R. Comp.

F (2) Herb 60 cm tall in open
USM thicket along trail. Fls. lavender.
det. M. O. Dillon 1984

11565. Worcewiczia coccinea (Vahl) Kl. Rubiac.

F (2) Shrub 2.8 m. tall. Bracts
USM bright red. Calyx green. Corolla
tube cream. Lobes orange. Anthers
orange. n.v. "Año de navidad"
det. P. Matekaitis 1982

11566. Justicia cometa (L.) Lam. Acanth.

F (3) Stoloniferous herb in swampy field, with
USM Fls. white with purple nectar
US guides on lower lip. det. D. Wasshausen
1983.
→ J. elegans L. det. Koyama 1983

F 11567. Cyperus ochraceus Vahl Cyperac.

USM (3) Sedge in low wet swampy place
NY in open pasture. det. G. Davidson 1982
MO

11568. Panicum polygonatum Schrad. Gram.

F (3) Grass in low wet swampy place
USM in open pasture. det. G. Davidson 1982
MO

F 11569. Paspalum conjugatum Berg. Gram.
 USM (2) grass in low wet area in open
 pasture. det. F.O. Zuloaga 1983

F 11570. Fimbristylis Cyperac.
 USM (2) Sedge in low wet open pasture.

F 11571. Kyllingia pumila Michx. Cyperac.
 USM (3) Sedge in low wet open pasture.
 MO det. G. Davidse 1982

F 11572. Inga ruiziana Gr. Don Legum.
 USM (7) Tree 10 m. tall with spreading
 NY MO crown in pasture. Fl. buds
 K INPA pale green. det. C. Niezgodka 1984.
 ! R. GEREAU 1988

11573. Clibadium asperum (Aubl.) DC. Comp.
 (5) nv. "huaca" det. M.O. Dillon 1982
 " | USM Cultivated shrub 1.5 m.
 F tall. Fls. white. Frs. fleshy
 US black. ^{use:} crushed leaves used as fish
 LP poison.

11574. Spondias mombin L. Anacard.
 (5) F nv. "tapiriba"
~~USM~~ USM Cult. tree 5 m. tall. Sap
 K resinous-aromatic. Immature
 fruits green.

11575. Endlicheria pyriformis (Nees) Mez Laurac.F (2)
USM

Sparsely branched shrub 2 m. tall. Peduncle and calyx red. Immature fruit green. Bearing only 2 fruits terminally on lower branches. Growing in young secondary forest with Cecropia spp.
det. J. Rohwer 1987.

11576 Phyllanthus urinaria L. EuphorbF (4)
USM
DAV

n.v. "chance piedra morado"
Herb covering ground in open newly cleared field. Stems live green. Fls. creamy white. Immature fruits pale green.
det. W. J. Huff 1983.

11577. Perizoma Gram.F (3)
USM
MO
US

Herb forming clumps in secondary forest on hillside. Undersides of leaves and petioles reddish purple.

11578. Imperata contracta (H.B.K.) Hitchc. Gram.F (3)
USM
MO

Grass forming colony in open hilltop Chécera, n.v. cashu úcsha (=11493). Rhizome is spheroid.

DEC 20 1981

det. L. Andersson 1982.

11579. Heliconia hirsuta L.f. Marac.

(7) Herb to 1 m. tall in open 2° thickets on hilltop. Lvs. shiny medium green both sides. Peduncles dark purple. Bracts bright red. Pedicel and lower half of ovary light green. Apical half of ovary dark green. Perianth light yellow with apical dark green spot. Immature fruits light shiny green. Rhizomes bright red. Infl. erect. Bracts distichous.

SEL 82-47
Lyon
USM (HCA)
F
GB
DUKE
U
K
NY

11580. Calathea Marant.

(2) Herb in shade of fruit trees in hilltop thicket. Lvs. ^{very} dark green above, lighter beneath, shiny on both sides. Infl. sessile, bracts dark purplish brown. Fls. white.

live
USM
F

SUBSP. GLABRA PENN.

11581. Pouteria TORTA (MART.) RADLK. Sapotac.

(12) Tree 10 m tall x 15 cm DBH arising from trunk 25 cm DBH. FRS ^{yellow} orange at maturity, ellipsoid, 4 cm long, 3-3.5 cm. diameter. Trunk and branches with white latex. Growing in open pasture,

WLS
U
G
WOOD FROM
FIRST BRANCHES
FOTOS
Lyon
USM MO
F OXF
NY INPA

remnant of primary forest:
 n.v. "caimitillo"
 DET. T. D. PENNINGTON 1987

PERU: Dept - San Martín. Prov. Mariscal
 DEC 20 1981 Escuela. Dto. Tocache Nuevo, Tocache
 Nuevo. Alt. 500m. 8°11'S, 76°28'W.
 20 Dec 1981. Coll. T. Plowman & J. Schunke V.

11582. Inga nobilis Willd. Legum.

(7) Tree 5 m. tall with spreading
 crown growing in thicket in recent
 lot. Calyx + corolla pale green. Filaments white. det. C. Niezgodz 1984.
 INGA OBSCURA J.F. MACBR. (VEL SP. AFF.)
 DET. R.E. GEREAU 1988

USM NY
 F ZAPA
 K P MO

11583. Centranthera punctatum Cass. Comp.

(5) Weed on roadside - involucre purplish green. Fls. violet. Aromatic foliage. det. M.O. Dillon 1982.

USM LP
 F US
 NY

11584. Erythroxipiton FALLAX KALLUNKI Rutec.

(3) Cult. erect, sparsely branched shrub 1.8 m. tall. Pedicel and calyx bright red. Corolla white. Collected in limestone hills opposite airport in Tingo Maria, cult. in garden of Jose Schunke. DET. J. KALLUNKI 1988

USM
 F
 W

DEC 21 1981

PERU: Dept. San Martín. Prov. Mariscal
Caceres. Distrito Tocache Nuevo. Carretera
Marginal de la Selva. Between Quebrada
Pálvora and Quebrada Balsayacu, km.
64 north from Tocache Nuevo. ALT. 570
m.

21 Dec 1981. Coll. T. Plowman & J. Schunke V.

11585. Costus guanaiensis var. tarmicus (Loes.) Moes / Zingib.

(3) Herb 4 m. tall on steep road bank.

folos USM Bracts red, appendages light green. Ovary
white. Calyx red. Corolla yellow-orange.
F U
Staminodes dull coppery orange.
det. P. J. M. Bas 1982.
A → U

2614 Balsayacu, Caserío Sargento Lores.
DEC 21, 1981: km. 70 north from Tocache Nuevo.
general ALT. 550 m.

11586. Pollalesta discolor (HBK.) Aristeg. Comp.

(10) Tree 8 m. tall x 8 cm DBH on open
folos AAU INPA roadside. Fls. white, very fragrant.
Mo K
USM US n.v. "pisango" det. M.O. Dillon 1982
F LP
osu NY

11587. Xanthosoma, Arac.

(5) Herb 80 cm, tall in open roadside
USM thicket. Lvs. shiny light green above, dull pale
F-3 green beneath. Spathe green. Spadix: pistillate
part bright orange, sterile end staminate

DEC 21 1981

pet creamy white. Sap in infl. + leaves
clear, caustic.
N.v. "huitina"

DEC 21 1981

Between Quebrada Polvora and
Quebrada Cachiyaçu.

(Linden) Schum.

11588. Monotagma smaragdinum Mart.

(3)
live-lyon
USM
F
WID

Herb 60 cm. tall along quebrada
in forest. Sterile. Petiole dark shiny
green. Pulvinus olive green. Lvs. yellow
green above with dark green central
stripe, somewhat shiny; Pale green
somewhat shiny beneath.

det. H. Kennedy 1986.

DEC 21 1981

Printed
loc.

2632

PERU: Dept. San Martín. Prov. Mariscal
Caceres. Distrito Campanilla.
Carretera Marginal de la Selva. 7.4
km. north of Pulcacha. Alt. 900-950 m.
21 Dec 1981. Approx. 7°43'S, 76°40'W.

Hitchc. + Chase

11589. Arundinella berteroniana (Schult.) Griseb.

USM (6) grass on steep open roadbanks.
F US NY det. G. Davidse 1982
MO LP K ISC

11590. Piper Piperac.

(2) Herb 50 cm. tall in steep moist
roadbank. Leaves rugose, ^{major} veins
reddish beneath. Stem reddish brown.
Peduncle red-purple. Spike cream.

USM
F

11591. Podandrogyne brachycarpa (DC.) Woods. Cappar.

(5) Herb 50 cm. tall on moist open
roadbanks in wet seep. Peduncle
red-purple. Pedicel red. Calyx and
corolla light red. Anthers pale
green; FRs - immature, light yellow-green.
det. T. S. Cochran 1982

USM
F
WIS
K
NY

11592. Lizium eriocaulon Poepp. & Endl. Comp.

(10) Frequent herb to 1 m. tall on
moist open roadbanks. Lvs. shiny green
above, white-canescent beneath.
Involucre red-purple. Fls. yellow-orange.
det. M. O. Dillon 1982.

USM dsu
F MO
US GH
NY K
LP

DEC 21 1981

det. D'Arcy 1983.

(Coulter + DonSmith) Bitter

11593. Lycianthes aff. amatitlanensis Solanec.

(3)
seed-MO
USM
F
MO

Herb 1m-tall in rocky quebrada
in primary forest. ^{young} Lvs. with red-
purple hairs beneath. FRs. bright
shiny red, subglobose 12mm. diameter
x 9mm. long, with strong odor of
wintergreen. Fls. cream.

Montg.

11594. Miconia triplinervis R. + P. Melast.

(4)
USM
F
US

Shrub 2 m-tall in primary
forest. Lvs. corrugate-bullate.
Infl. axis green. Ovary greenish
white. Petals and stamens creamy white.
det. Wurdack 1982.

11595. Thelypteris gigantea (Mett.) Morton Fern

Spores (2)
USM

Terrestrial fern on steep forested
hillside. det. R.G. Stolze 1982.

11596. Tococa parviflora Spruce ex Triana Melast.

(2)
seed-F
USM
US

Subshrub 80 cm tall in primary
forest. Infl. axis and pedicels
deep carmine red. FRs. shiny black.
Ant plant. det. J.J. Wurdack 1983.

11597. Diplazium pinnatifidum Kze. Fern

(4) F
USM
GH

Terrestrial fern on steep forested
hillside. det. R.G. Stolze 1982.

live
spores

DEC 21 1981

11598. Xylobium

Orchid

(2) Epiphyte on tree trunk in primary forest. Peduncle bracts purplish brown. Infl. ex is pale green. Sepals & petals cream with dark purplish tinge. Lip appendages ^{dark} purplish brown.

11599.

Cyclanth.

(3) Terrestrial herb 80 cm. tall. Peduncle red-purple. Spedix dark brown, 32 mm long x 16 mm diameter. Lvs. 5, dark dull ^{velvety} green above, reddish purple beneath when young. Infls. 4.

11600. Besleria

Gesner.

(6) Herb to 50 cm. tall on banks of steep forested quebrada. Peduncle light yellow green. Calyx bright orange, fleshy. Corolla pale yellow in bud. Trichomes white.

11601. Cylindrosolenium sprucei Lindau Acztl.

(5) Herb in moist rocky quebrada in primary forest. Infl. and immature fruits green.

det. D. Wasshausen 1982.

USM
F
US

live

DEC 21 1981

11602. Psychotria polyphlebia Donn. Sm. Rub.

(2) Herb in moist rocky quebrada in primary forest. Lvs. dark dull velvety green above, pale green beneath. Bracts fleshy, green. det. P. Matekaitis 1982

USM

11603. Psychotria tenuicaulis Krouse Rub.

(6) Shrub 2 m. tall in understory of primary forest. Peduncle and infl. axis green. Pedicel and calyx pale green. Corolla white. Leaves shiny dark green above, dull pale green beneath; strongly undulate at margin. det. J.H. Kirkbride 1986.

USM
NY
US
MO
GB

11604. Hoffmannia Rub.

(4) Shrub 1 m. tall on banks of moist rocky quebrada in primary forest. Lvs. shiny green above, dull pale green beneath. Immature fruits green.

USM
F
MO
K

11605. Psychotria macrophylla R. & P. complex Rub.

(3) Unbranched shrub 90 cm. tall in moist rocky quebrada in primary forest. Lvs. dark green, dull above, pale dull green beneath. Bracts fleshy, dark green. Corolla pure white. det. PM 1983

F
USM
K

11606. Hylaeanthus unilateralis (P. & E.) Jonk. & Jonk. Marant.

- (3) Herb 60 cm. tall on steep cut-over forested hillside. Lvs. medium green above with distinctive sheen, pale dull green beneath. Petioles + peduncles yellow-green. Bracts pale yellow-green. Calyx hyaline. Corolla translucent creamy white. Petaloid staminode + stamin epically golden yellow.
det. J.P.
- folios.
USM
F
GB

11607. Dieffenbachia Arac

- (4) Erect herb 1 m. tall on steep rocky banks of quebrada in primary forest. Lvs. crowded towards apex. Stems with milky sap, with strong odor of skunk, caustic. Spathe green. Immature fruits yellow-green.
- USM
F
K

11608. Costus scaber R. & P. Zingib.

- (2) Herb 1.8 m. tall in primary forest. Bracts red. Ovary white. Calyx red. Petals ^{+ staminode} pink-orange. det. P.J.M. Maes 1983.
- USM

Columnnea guttata Poepp.11609. ~~Dalbergia~~ det. L. Skog 1986. Gesner.

- (6) Epiphyte 1.5 m. tall on tree trunk in primary forest. Lvs. dark shiny
- F
USM
US
SEL
NY

DEC 2 1 1981

green above, pale dull green beneath; with dark red tip, somewhat bullate. Bracts + calyx light yellow green. Corolla light yellow with 2 or 3 red dots at ventral apex and at base of lobes.

11610. Psychotria bracteocardia (A. DC.) M. - Arg. Rubiac.

(5)
USM
F
K
MO
NY

Shrub 2 m. tall in primary forest. Lvs. shiny medium green above, pale dull green beneath. Infl. rosulate, immature, bracts light yellowish green. det. P. Matekitis &

11611. Besleria?

Gesner.

(4)
live
USM
F
US
K

Herb to 40-50 cm. tall in still hillside in primary forest. Pubescence white or red-purple on new growth. Bracts and calyx green with dark red hairs. Fls. in bud.

11612. Siparuna GRANDIFLORA (KUNTH) H. & B. ^{PERKINS} Monim.

(2)
A)
USM
K

Herb 1 m. tall in moist rocky quebrada. Petioles with ants & aphids. Whole plant with brown trichomes. Fls. light red. Melastome inimic. (DET. REPPER & HAUSNER 1974)

11613. Psychotria pilosa R. & P. det. P.M. 1983 Rubiac.

(5)
USM
F
NY
K
UB

Shrub 2.5 m. tall in primary forest. Lvs. somewhat shiny both sides, slightly pale green beneath. Peduncle axils; bracts and calyx light green. Corolla pure white.

11614. Xylosma tessmannii Steumer Flacourt.

(9)
USM
F
L
NY
MO

K
AAU
US
P

Tree 5 m. tall with several trunks on steep open cut-over hillside. Trunk armed with branched spines to 12 cm. long. Flower buds pale green. n.v. "chiquia casta" det. H. Steumer 1982.

11615. Hylaezanthe unilateralis (P. & E) Jank. ^{Jank.} ^{flacourt.}

(2)
'infl → (A)
USM
(A) → K

Herb on steep ^{de-}forested hillside in partial sun. Lvs. dark green with distinctive sheen; pale dull grey green beneath. Petiole pale olive green. Peduncle light green. Bracts light yellow-green. Calyx hyaline pale yellow. Corolla and stamens pure white throughout. Anther yellow. Only one seed.

det TP

DEC 21 1981

11616. Colothea lindenii Wallis Marant.

(3) Herb on steep forested hillside in

photos AIF
live - JEL 82-42
L40N

partial sun. Petiole red-purple

at base, dark green to brown apically.

Pulvinus and midrib olive green. Lvs.

with light and dark green brush

pattern above; lvs. beneath red-

purple with pale green central stripe

and margins. (cf. 11685)

USM

F
WIN

11617. Distyema scabrum (Bepp.) Benth ex Walp. Gesneriac.

(5) ^{terrestrial} Herb on steep banks of cut-over

USM

F

US

K

MO

hillside in partial shade. Stems reddish.

Lvs. somewhat bullate, shiny medium

green above, pale silvery green beneath.

Peduncle red-purple. Bracts and

sepals green. Corolla tube white,

yellowish within; limb white with

purple spot at base of each petal.

*with fine purple dots. det. L. Skog 1983.

11618. Floscopa cf. F. elegans Huber Commel.

(1) Herb on steep hillside in shade

live - Faden of ferns and large herbs. Calyx pale

USM

green. Fls. white.

det. R. Faden 1982.

DEC 21 1981

Bryoph.
Hepaticae

11619

(1) Liverwort on small ^{scattered} rocks on steep hillside in shade of ferns and large herbs. Not growing on soil.

11620. Philodendron guttiferum Kunth Arac.

F
USM

(2) Creeping terrestrial herb on steep hillside in shade of ferns and large herbs. Lvs. medium green somewhat shiny with nerves impressed above, lighter dull green beneath. Spathe green. Spadix cream. Whole plant with strong odor of carrot.

11621. Guatavia longifolia Poeppig ex Berg Lecythid.

fotos
USM
NY
F

(3) Tree 12 m. tall x 7 cm. DBH.

Branches few, near top of tree. Lvs. at branch tips forming rosettes. Receptacle light green. Petals deep rose pink abaxially, cream adaxially. Stamens creamy white. Ovary creamy yellow. Fls. with strong fragrance of rose!
n.v. Sacha Chope
! S. Mori 1985

11622. Besleria aggregata (Mart.) Hauss. det. L. Skoj 85 Gesner.

F
USM

(2) Herb 1 m. tall in steep moist quebrada in primary forest. Calyx orange. Corolla in bud green.

11623. Faramea harmsiana Standl. Rubiac.

(3)

USM
F
K

Shrub 2.5 m. tall in primary forest. Lvs. dark dull green above, pale green beneath. Peduncle and infl. axis light green. Pedicels and young fruits pale green. det. P. Matekatis 1983

11624. Stromanthe cf. confusa K. Schum. Marant.

(3)

fok
(A)USM
F
GB

(A) > K

Herb 1 m. tall on steep cut-over slope in partial shade of ferns and large herbs. Stem, petioles and peduncles yellow green. Lvs. dull dark green above, lighter greyish green beneath. Bracts green. Pedicel orange. Calyx light translucent green. Corolla white. Staminoles white, ^{inner staminode} & ^{dark} tipped purple. det. L. Andersson 1982.

11625. Renoualmia breviscapa P. & E. Zingib.

(3)

F
USM
U

Herb in primary forest on slope above rocky quebrada. Lvs. dark shiny green above, pale green to reddish purple beneath. Peduncle pale green, bracts pale red. Infl. bracts pale green. Ovary pale yellow. Sepals pale green, fleshy. Fls. pure white throughout. det. P. J. M. Maas 1982.

11626. Calathea

Morant.

(2)
live-Lyon
USM
F

Herb on banks of moist rocky quebrada. Leaf sheath and petiole red-purple. Leaf blackish green above, somewhat shiny, strongly undulate, lighter green at midrib; dark purple, dull beneath. Peduncle pale green with purple blush. Immature bracts ^{pure} white.

11627. Palmorchis lobulata (Menz.) Schweinf. & Correll Orchid.(3)
USM
F

Terrestrial orchid in primary forest. Bracts green. Fl. buds creamy white.

det. to Plowman 1982.

11628. Heliconia sp. nov. aff. rostrata Musac.(2)
fotos.
F-2

Herb 4 m. tall on bank of moist rocky quebrada in primary forest, appearing as single plants. Petiole and leaf sheath dark brown with lighter brown trichomes. Lvs. dark green, dull, above; lighter green, shiny beneath. Infl. pendulous; bracts distichous. Peduncle + rachis pale red. Bracts light red with white trichomes. Margin 1 cm, pale yellow. Apically 5-6 cm yellow green. Infl. immature.

11629. Lonchitis hirsuta L. Fern.

(7) Terrestrial ~~acaulous~~ ^{acaulescent} fern
 on steep ^{cutover} slope above road.
 Petiole 1 m. long. Blade 1 m. long
 with 6 major pinnae, fragile.
 det. R.G. Stolze 1982

USM-2
 F-2
 NY
 Z

11630. Pteris livida Mett. Fern.

(20) Enormous fern ^{4-5 m tall} on steep
 cutover hillside. Acaulescent.
 Petiole 2 m. long. Lvs. ternate,
 leaflets with 11 major pinnae.
 det. R.G. Stolze 1982!


USM-2
 F-4
 K
 GH
 NY
 MO
 U
 AAU
 KGB
 COL
 INPA
 GB
 G

11631. Anthurium REGALE LINDEN Arac.

(6) Terrestrial herb 1.5 m.
 tall, acaulescent. Petiole 1.3
 m. long. blade 82 cm. long
 55 cm. wide. Blade ^{ovate, cordate at base} dark green
 above, dull; major nerves
 light yellow-green; pale dull green
 beneath. Petiole + peduncle
 terete, yellow-green. Cataphylls
 rose pink. Spathe light yellow-
 green. Spadix light green, in fruit
 purple black. FRs. dark red pur-
 ple. DET. T. CROAT 1995

USM
 F-5

11632. Anthurium croatii Madison Arac.

(2) Terrestrial herb 1m. tall.
 USM F Petiole dark brown,  in section.
 Peduncle dark brown, subterete.
 Spathe green. Spadix erect, dark purple brown det. T. Croat 1982.

11633 Anthurium Arac.

AIF. (4) "Terrestrial" herb in hilltop
 SET 1980-84 primary forest. Cataphylls deep
 live=Al rose pink. Petiole light green, tri-
 USM F- angular in section. Lf. blade dull
 MO-sterile medium green, ^{above} dull pale green beneath.
 K Peduncle quadrangular in section,
 live=Al dark greenish brown. Spathe brown-
 ish green. Spadix dark brown.

11634. Anthurium MICHELII GUIL. Arac.

(2) Epiphyte on horizontal tree
 F USM trunk. Cataphylls pale green.
 Petiole + peduncle pale green, ~~keels~~
 Lvs. shiny dark green ^{above} pale
 dull green beneath, ^{major} nerves
 impressed ^{above}. Spathe light
 green, spiralled. Spadix green.
 Immature fruits dull red.
 DET. T. CROAT 1995

DEC 2 1 1981

11635. Anthurium corallinum Poepp. Arac.

(3) Epiphyte on inclined tree trunk in primary forest. Cataphylls dark brown. Petiole terete, green to brownish. Lfs. shiny, smooth, dark green above; light green, somewhat shiny beneath. Peduncle terete, light yellow green. Spathe light yellow green. Spadix dull red.

USM
F-2
MO

live?
Lyon

det. T. Plowman 1982. ! T. Croat 1995

11636. HOMALOMENA PICTURATA (LINDEN & REGEN) ^{ADRE} ~~REGEL~~ Araceae

(2) Terrestrial herb on banks of steep rocky quebrada in primary forest. Rhizome erect, dark red with odor of carrot. Cataphylls pinkish brown. Petiole terete, dark brownish green. Leaf dark, velvety green above*, pale dull green beneath. Peduncle and spathe dark red. Spadix: Pistillate part dull yellow-orange. Sterile part white. DET. R. WUNDERLIN 1990

live-SEL 82-43
fotos.

USM

* with slight green

SEL
82-43

11637. Anthurium ~~DE~~ REGALE LINDEN Arac.

(5) Terrestrial herb 2 to 2.5 m. tall on steep open banks on cut over hillside. Trunk erect to 50 cm. Cataphylls light green

USM
F

7110

LIVE:

SEL 82-55

DEC 21 1981

MO
Banta
fotos AIF
SEL-3
live - LYON
(A) FR.
Kew

coriaceous. Stem dark green.

Petiole green brown terete. Leaf blade ovate, cordate, very large, to 80 cm. long x 60 cm. across.

Blade dark velvety green above with silvery green outlining the major nerves; Blade beneath whitish green, dull; Peduncle 57 cm long, terete, reddish at base, light green apically. Spathe reflexed, pale green with fine dark green parallel nerves. Spadix dark red-purple.

27 cm long, 2.5 cm diameter
immature fruits narrowly acute, light green.

DET. T. CROAT 1995

live
AI-3

11638. *Homalomena*

Arac.

(12)

Herb 1.5 m. tall forming large clumps in moist open hillside among large herbs and ferns.

fotos
USM
F-3
K
MO
SEL
U

Stem dark brown. Cataphylls fleshy light green. Leaf bases dark red. Petiole yellow green, terete. Leaf blade yellowish green, shiny above, with the major nerves lighter yellow-green; dull yellow green.

Spathe Peduncle and swollen portion of spathe brownish red, shiny

DEC 21 1981



Apical part of spathe light greenish yellow. Spadix: pistillate portion pale green with creamy white stigma. Sterile and staminate part creamy white. Fruiting spadices dark reddish brown. All parts of plant very aromatic

11638A. *Xanthosoma viviparum*
fls only, specimen lost.

11639. *Lophophytum weddellii* Hook. f. Bolanoph.

(A) ^{terrestrial} Epiphyte on forest floor

USM in hilltop forest. Fruits dull

chem F. pale
fotos NY
C

yellow-orange. ^(fresh color) Ax is cream oxidizing to brown immediately on exposure.

(A) → K

11640. *Monotagma SPATHULATUM* HAGBERG Mezent.

(b) Slender herb 1m. tall in pri-

live - Lyon

USM

GB

F

mary forest or hilltop. Petioles and pedicels green. Lf. blade medium green, dull above; dull pale green beneath with dark green lateral nerves. Bracts yellowish green. Fls. greenish white.

det. M. HAGBERG 1990

collections: unicate
 Live ~~or~~ - Sterile vouchers.

- \ 11640A. Homalomena Arac.
 (1) Herb on hillside. Lf. dull, dark green
 F ~~→ TP~~ above, pale dull green beneath
 (cf. #11310)
- \ 11640B. Anthurium CORALLINUM POEPPIG Arac.
 DET. T. CROAT, 1995
 F (1) Epiphyte. Lvs. shiny green above, dull
 Live → Lyon pale green beneath. (cf. 11640C)
- \ 11640C. Anthurium CORALLINUM POEPPIG Arac.
 DET. T. CROAT, 1995
 F (1) Epiphyte. Lvs. Shiny green above, some-
 Live → Lyon what shiny, pale green beneath (cf. 11640B)
- \ 11640D. Anthurium tribolobate Arac.
 (1) Epiphyte in forest. Lvs. dark green
 F Live → Lyon somewhat shiny above with impressed nerves,
 pale green beneath
- \ 11640E. Philodendron f. glanduliferum Matuda Arac.
 F (1) Climber on tree trunk. Lvs. shiny
 live: SEL both sides det. T. Croat 1982.
 Lyon
- \ 11640F. Philodendron deltoidum Poeppig Arac.
~~f. frutescens Bunting~~
 live: (1) Creeper on forest floor. Lvs. shiny
 Lyon F light green.
 R. P. B.
- Lyon 11640G. Anthurium
 Rosette epiphyte. Lvs. lanceolate.

DEC 23 1981

PERU: Dept. San Martín. Prov. Moriscal
Cachos. Distrito Tocache Nuevo.
Carretera Marginal de la Selva,
Quebrada Polvora.
Between Cachi yacu and
km. 57 north from Tocache Nuevo.
Alt. 590 m. 23 Dec 1981.

General

11641. Vismia FLORIBUNDA SPRAGUE Guttif.

F (8) Shrub 4 m. tall in forest margin.
USM INPA K Immature fruits light yellow-green.
NY GH u GB DET. N. ROBSON (BM) 2002
MO

11642. Anthurium Arac.

(3) Terrestrial herb on roadbank in partial
USM shade. Lvs. ~~shiny~~ dull dark green above,
F-2 somewhat shiny lighter green beneath;
leaves bullate, undulate at margin.
Petiole light green, \odot in section.
Peduncle terete, yellow. Spathe
creamy yellow, erect. Spadix
tan.

det. L. B. Smith 1983.

11643. Pitcairnia lanuginosa R. & P. Bromel.

(3) Terrestrial herb 1.5 m. tall
live seedlings \rightarrow ^{colonizing} on steep open roadbank. Leaves pen-
SCL dulous, shiny yellow-green above, white
USM canescent beneath. Scape erect,
US reddish brown. Colyx purplish green.
Petals pale yellow-green with purplish spots.

Between Puerto Pizana and Que-
brada ^{de Salas} Cochiyacu. Alt 460 - 470 m.
265
Printed loc 23 Dec 1981. Approx. 50 km N. of
Tocache Nuevo.

11644. Cordia nodosa Lam. Borag.
(29) Tree 10 m. tall x 10 cm. DBH.

wood
(A) → K
CTES
F-2
USM
MU
K
NY
U
GB
P
BR
DUKE
MEXU

VEN
S
AAU
GH
US
WIS
TEX
IAPA
COL
G
UC

growing in open, secondary growth
at forest margin. Periodically nodes
swollen into large dolmetia*. Flowers
creamy white, immature fruits
green, creamy white at ma-
turity.

n.v. "añallo cspí"
*containing colonies of biting ant called "añallo piño".

A. DIDYMA S. MOORE DET. F. GONZALEZ 1990

11645. Aristolochia lagesiana Ule Aristol.

(4) Climbing woody liana in open
secondary thicket. stems,
undersides of
~~undersides~~ petioles pruinose.

USM
F
K
MO

Fl. Buds immature, green, pruinose.
n.v. "patito" det. K. Barringer 1984.

11646. Gurania bignoniacea (P. & E.) C. Jeffrey Cucurb.

(1) Herbaceous vine in open thicket.
Fls. orange. det. P. Motekaitis 1984.

USM
F

11647. Glibadium peruvianum Poepp. Comp.

F (5) shrub 2 m. tall in open thicket.
Fls. white. det. M. O. Dillon 1982

USM
OSU
NY
LP

n.v. "sacha huaca"

DEC 23 1981

Psychotria caerulea R. & P.

Rubiace.

11648. ~~Psychotria guianensis~~

F (7)
USM U
MO AALL
NY
K

det. P. Matekatis 1982.
Shrub 3 m. tall in forest margin.
Infl. nodding; axis yellow green.
Corolla cream.

sessiliflorum

11649. Solanum sessiliflorum Dunal. var. Solanaceae.

seed
USM
F-2
BH
INPA

(5) n.v. "coconas silvestrada"
Herb. 80 cm. tall in open thicket
along logging road. Fls. pale green
Frs. ovoid, yellow-orange, 5.5 cm.
long, 4.7 cm. diameter, covered
with pale brown deciduous trichomes
det. M. Nee 1982.

11650. Ludwigia latifolia (Benth.) Hara Onagr.

F (7)
USM K
MO U
NY INPA

Herb 1 m. tall along ditch
along logging road. Petals pale
yellow. det. P. Raven 1982

11651. Diospyros Ebenac.

USM (17)
F K
OXF U
MO GB
NY P
GH US
INPA COL
AALU
BR
G

Treelet 4 m. tall with dense
storied branches. Corolla white,
early caducous, petals recurved.
In forest margin. Seed to OXF

CORD 11652. Solanum schlechtendalianum Welf. Solanaceae.

USM (6)
seed-MO. MO
F-2 U

Shrub 2 m. tall in open thicket along
logging road. Infl. pendulous

under the leaves. Corolla white.
Fr. dark ^{shiny} purple at maturity,
globose, 10-12 mm. in diameter.
det. M. Ne 1982.

11653. Cryzonia macrocalyx Harms Cucurb.

(8) Herbaceous vine in open

USM
F
K
MO
NY
U
P
INPA

secondary thicket. Staminate
^{single-urceolate} flowers: calyx + hypanthium
pale green, broadly ovoid,
spongy; petals yellowish.
Pistillate flowers in bud.
Immature fruits shiny green.
det. C. Jeffrey 1983.

11654. Casaria pitumba Sleumer Flac.

(11) Shrub 4 m. tall in forest
margin along road. Immature
Fr. 3-valved, globose, 2 cm. diameter,
us green. det. H. Sleumer 1982.

USM
F
L
MO
K
ADU

NY
INPA
GH
P
G

11655. Costus aff. laevis Zingib.

(12) Herb 1 m. tall forming clumps

live
(A) FI
Sec 82-
Lyon
NY
ALL
INPA

in open thicket along logging road.
Bracts red. Fls. bright yellow
throughout.

BR
P
Mo
GH
COL
A → K

DEC 23 1981

11656 Mesechites trifida (Jacq.) Müll. - Arg. Maudeville det. M. Fallen 1982, Apoc.

(11) Twining vine in ^{low} open thicket along road. Milky latex. Glyx pale green. Corolla tube pale pink in bud, greenish white at anthesis. Corolla lobes white, pale green at throat and center of limb.

USM
F
Z
MO
NY
K
u
INPA
AAU

11657. Forsteronia Apocyn

(6) Scandent woody climber 5 m. tall in primary forest on hillside. Milky latex in stems. Fls. white, very small. det. M. Fallen 1982.

USM
F
Z
MO
NY
K
u

11658. Palicourea nigricans Krause Rubiac

(5) Treelet 5 m. tall in primary forest on hillside. Peduncle & infl. axis bright pink. Corolla pale blue. Immature fruits shiny green. det. P. Matekatis 1982.

USM
F
Z
MO
NY
K

11659 Miconia fosteri Wurdack Melast

(7) Erect shrub 1.5 m - tall on cut over hillside along logging trail. Stem & infl. axis rusty brown. Immature fruits light tan. det. Wurdack 1982.

USM
F
K
MO
NY
u
US
INPA

11660. Psychotria compta Standl. Rubiac.
 (3) Shrub 2.5 m. tall in hillside
 USM primary forest. Inflorescence and
 F immature fruits pale green through-
 UB out. Lvs. papery, det. P.M. 1983
11661. Usnea subg. Eumitris Lichens
 F (1) Epiphyte on log in burned over
 Chácara. det. R.C. Harris 1987.
11662. Parmotrema zollingeri (Hpp) Hale Lichens
 F (1) Epiphyte on fallen log in
 burned over Chácara.
 det. R.C. Harris 1987.
11663. Piper tectoniifolium Kunth Piperac.
 (8) Treelet 3 m. tall in primary
 F U hillside forest. Lvs. shiny dark
 USM NY GB light green
 K. beneath. Spikes completely
 erect, dull olive green. Lvs. aromatic.
 det. R. Colleyes 1982.
11664. Miconia centrodesma Naud. Melast.
 F (5) Shrub 3 m. tall in primary
 USM hillside forest. Infl. axis & brach-
 US ches dull reddish. Immature
 K fruits green. det. Wurdack 1982.
 NY

DEC 23 1981

11665. Piper Piperac.

(5) Treelet 3 m. tall in hillside primary forest. Nodes reddish. ~~Inf.~~ Spikes horizontal on plagiotropic branches. Peduncle dark red. Spikes pale green. Lvs. stomatic.

F
USM
NY
K
U
MO

11666: Psychotria santaremica M. Arg. Rubiac.

(5) Shrub 1.5 m. tall hillside primary forest. Lvs. papyraceous. Bracts green. Corolla white.
det. P. Matekaitis 1983

F
NY
USM
K
UB

11667. Lindsaea arcuata Kze. fern-

(8) Terrestrial fern forming clump in primary hillside forest. Petioles vertical-erect. Blades arching over.
det. R. G. Stolze 1982.

USM
NY
AAU
U
K
MO

11668. Costus lasius Loes. Zingib.

(8) Herb 1.4 m. tall forming clumps in forest margin along logging road. ^{Basal} bracts yellow-green, apical ^{Basal} bracts deep golden yellow. Fls. golden yellow.

live-lyn
USM
F
U
K
SEL
82-48
NY
GB
MO

11669. Dichorisandra cf. ulei Macbr. Commel.

(3) Erect branched herb to 1.5 m. tall in hillside primary forest. Infl. axis green. Pedicels and ^{young} fl. buds white. ^{Tube} Sepals white, ^{one turning} blue-violet at anthesis. Petals blue-violet. det. R. Faden 1982.

u NY K INPA

← A. Arabidoea cinnamomea (DC.) Sandw. - lvs.

11670 B. Distictella magnoliifolia (HBK.) Sandw. - fls. Bignon.

(15) Woody liana 30 m. tall x 8 cm. diameter. Flowering in high canopy. Fls. and fruits collected from ground. Fls. fleshy, creamy white. Fls. curved, woody.

Sep. fr. USM F MO

11671. Monstera dilacerata (Koch + Sello) Koch Arac.

(8) Climbing herb on tree trunk in primary hillside forest: spathe creamy white, spadix creamy yellow. det. T. Croat 1982.

USM u SEL F NY MO K

11672. Pellicourea punicea (R. + P.) DC. Rubiac

(7) Shrub 3 m tall in hillside primary forest. Infl. axis + branched dark red. Mature fruits black.

seed USM F INPA NY MO US DUKE

det. B. M. Boom 1986.

DEC 23 1981

11673. Octomeria

Orchid.

F (3)

USM
SEL

Epiphyte on fallen tree trunk
in chacara. Fls. pale yellow.

11674. Perebea ^{LONGEPEDUNCULATA} sp. nov. ? C.C. BERG Morac.

F (10)

USM NY
MO
U INPA
K GB
GIT+ US

Tree 8 m. tall x 6 cm. DBH.
Bracts light green. Fls. in bud
pale yellow. det. C.C. Berg 1982, 1997

11675. Adelobotrys cf. boissieriana Cogn. Melzst.

F (8)

USM G
US K
NY U
M6

Climbing epiphyte vine appressed
to tree trunk in forest margin.
Inf. on pendulous branches.
Old fruits brown. det. Wurdack 1982.

11676.

Cyclanth.

F (2)

USM

Climber on tree trunk in
hillside primary forest. Spadix
green.

11677.

Palmac

F (7)

USM
NY
U-4

Palm 2.5 m. tall with short
trunk 40 cm. tall in primary
hillside forest. Peduncle dark
red. Infl. axis dark red. Fls.
white

11678. Psychotria macrophylla R. & P. Rubiac.
 F (34) Shrub 1 m. tall in primary
 USM hillside forest. Peduncle and infl.
 K branches dark green. Fls. white.
 Mv Infl. fruits green. det. P. Matekaitis 1983

11679. Piper Piperac.
 F (2) Herb 80 cm. tall in primary
 USM hillside forest. Spikes erect,
 dark green.

11680. Solanum Solanac.
 (1) Umbrella herb 1 m. tall
 in primary hillside forest. Petals
 pale green. Anthers yellow.

11681. Gesner.
 F (2) Herb 80 cm. tall on steep
 USM banks of forested quebradas.
 Trichomes tan. Calyx ~~in bud~~
 pale yellow-green.

11682. Miconia bubalina (Don) Naud. Melast.
 F (4) Shrub 1.5 m. tall in cut-over
 USM hillside. Stems reddish brown.
 US + infl. axis
 GB Immature fruits pale green.
 det. Wurdack 1982.

DEC 23 1981

11683. Psychotria racemosa (Aubl.) Willd. Rubiac.

F (3) Shrub 90 cm. tall along que-
bradas in forest. Corolla greenish
white. Fruits bright red-orange
USM
u
det. P. Matekaitis 1983

11684. Passiflora Passifl.

F (5) Climbing vine in margin of
low-lying forest along road.
USM
MO
K
GB
Fruits green, ovoid, 7 cm. long
x 5 cm. diameter;

3147

PERU: Dept. San Martín. Prov. Mariscal

DEC 24 1981 Caceres. Tocache Nuevo.

Printed Cultivated
loc. 24 Dec 1981.

11685. Colicthea lindenii Wallis Morant.

(b) Herb 1 m. tall cultivated in
fotos garden of José Schunke, collected
USM at Pulcacha (cf. Plowman and
F Schunke 11616); forming large
GB clumps; leaf ~~medium~~ green with
WIK dark green ^{brush} pattern in center of
K each half of lamina; Pale green
beneath with red-purple splotches
pale midrib. Bracts dark purple.
Fls yellow throughout.

(A) 7 K

DEC 24 1981

Morant.

11686. Calathea schunkei H. Kennedy

(3)

Herb 70 cm. tall cultivated

in garden of Jose Schunke,
collected originally at Rio Cañuto
("Cararelandia"), cf. localityleaves dark green, shiny, ^{above:} strongly
plicate; somewhat shiny dull greenish
purple beneath. Pulvinus ^{olive} →Green. Peduncle yellow-green. Bracts
red-orange. Fls. yellow.11687. Cestrum sendtnerianum Mart. Solmes.

(7)

N.v. "yerba Santa"

Cult. shrub 2.5 m. tall. Corolla

tube yellow green, lobes ~~yellow~~
greenish white. FRs. blue-black.

Foliage foetid.

Medicinal. Infusion of leaves
prepared for bathing woman im-
mediately after childbirth to avoid
"cólicos".11688. Tetrophea gossypifolia L.

Euphorb.

(7)

N.v. "piñon negro" det. M. J. Huft 1982

Cult. shrub 3.5 m. tall with

cloudy sep. Twigs leaves and petioles

fotos
USM
F
GBfoto
MO
USM
F
foto
CORB
INPA
K
AAU
LIfotos
F
USM
Lyon
MO
INPA

DEC 24 1981

2nd peduncles dark red-purple.

Fls. dark red. Mature fruits brown.

use: the leaf is chopped up and mixed with aguardiente; applied in plaster

to forehead for headaches. Also used to counteract witchcraft.

11689. Cucurbita moschata (Duch.) Duch. Cucurbit.

(5) n.v. "zapallo" det. L. Merrick 1983. ^{ex Poir.}

USM
F-3

Cult. herbaceous vine in garden
Fls. orange. FRs. light tan ellipsoid, 12.5 cm. long, 9.3 cm. diameter.
Seeds tan.

11690. Annona muricata L. Annonac.

(5) n.v. "guanabana"

F
USM
W
NY

Cult. tree 8 m. tall. Outer tepals yellow green. Inner tepals pale yellow. Immature fruit green, attaining 15-20 cm. in length.

11691. Jatropha curcas L. Euphorb.

(5) n.v. "piñon"

F
USM
NY
photo

Cult. treelet 4 m. tall. Stems with abundant cloudy juice. Mature fruits yellow, 4 cm. long, 3 cm. diameter.

one teaspoon of the
use: ^{fresh} Sep taken for diarrhea and
as contraceptive by women
during the "regla." Seeds are
toasted and ground, taken with
water or soup as a purgative.

11692. Petiveria alliacea L. Phytolaccac

F (5)
USM
Mo
foto

R NY Cult. Shrub 1.5 m. tall. Fls.
creamy white. narrow leaves.
n.v. "ucullúci sachá macho",
(tagartilla)

"mucura macho"
use: juice mixed with water
sprinkled around the house
to bring good luck.
Abortifacient: infusion of leaves
used as a douche.

11693. Petiveria alliacea L. Phytolaccac

F
USM
foto

(6) Cultivated Shrub 1.2 m. tall.
Fls. creamy white. Broad leaves.
n.v. "ucullúci sachá hembra"
"mucura hembra"

uses: same as above.

11693A. Kaempferia galanga L. Zingib.

live
only

→ SEL 82-49 Cult. herb. Sterile. Purchased by
FADEN MO Jose Schunke in the Central Market, Iquitos.

C. annuum L. det. W. D'Arcy 198311694. Capsicum frutescens L. Sol.

(8) n.v. "malaguate" det. W. H. Eshbaugh 1982

folios USM
F
RH RINGS
NY ML
CORD
MO

Cult. shrub 1 m. tall. Pedicel erect, flowers nodding; petals pale greenish yellow. Anthers blue. Fruits erect, bright red at maturity. Used as spice condiment.

11695. Capsicum chinense Jacq. Sol.

(6) Cult. shrub 1.2 m tall. Pedicel

folios
USM
F

erect, flowers nodding; corolla rotate at anthesis, creamy white, anthers blue. Frs. pendulous, whitish to pale yellow, turning bright red at maturity. Lvs. bullate, undulate. n.v. "aji"

used as spicy condiment. Less powerful than 11694. det. W. H. Eshbaugh 1982.

→ C. annuum L. det D'Arcy 1983!11696. Pothomorphe peltata L. Piperac.

(2) n.v. "Santa Maria Sacha"

USM
F
folios

Cult. herb 1 m. tall: Stems and petioles pruinose. Spikes erect, white to cream.

USE: leaves are crushed with chicken fat and heated slightly. Applied as a plaster to lower

abdomen and kidney area ~~to~~
 a diuretic, especially for children
 who have problems urinating.

11697. Piper aduncum L. Piperac.

(6) Cult. treelet - ~~4~~ m. tall in
 garden. Spikes erect, recurving,

USM
 fotos F
 K
 NY
 Montg. MO
 u

Cream for "cordoncillo"

n.v. "matico" = infusion of leaves
 used to cure fungus infections
 of the skin, especially the hands.
 Also for infected wounds.
 det. R. Colletas 1982.

11698. Alternanthera lanceolata (Benth.) Sching Amaranth.

NY
 PH
 fotos USM
 GB
 Jiro-SEL
 u chi 12-41
 PTBG

(5) n.v. "lancetilla" Alt. lanceolata
 det. J.A. Mears 1982.

Cultivated herb. Whole plant
 reddish purple.
 fresh
 use: juice taken for "intestinal
 fevers" and "varicela" + "sarampion"
 (chickenpox) (measles)
 Amaranth

11699. Alternanthera bettzichiana (Regel) Nicholson

USM
 fotos PH
 F
 K

(5) n.v. "cuchi yuyo"
 Cult. herb, creeping,
 rooting at the nodes.
 cooked like spinach and use to fill
 pork blood sausages called "morticilla"
 "relleno"

DEC 24 1981

11700. Pouteria lucuma (R. + P.) O. Kuntze *Japotec.*
(15) n. v. "lucuma" ..

USM NY
F MO
K U
frs US
AAU
INPA
GH
P
S
BR

Cultivated tree 15 m. tall x 18 cm
with white latex.
DBTA Fls. creamy white. Mature
fruits shiny green, globose with
short "nipple", 10 cm. diameter,
11 cm. long. Flesh ^{yellow} orange.
with abundant sticky milky latex.
Seeds shiny chestnut brown.
Fruit eaten fresh and commonly
used to make "lucuma" ice cream.

11700A. Canna glauca x ludica
Cult herb 2.5 m. tall.

live only.

Fls. lemon yellow.

SEL 82-53

cf. Plowman + Schunke # 7511.

DEC 27 1981

PERU: Dept. Huancayo. Prov.
Leoncio Prado. Distrito
La Divisoria, 21.8 km. east of
Puente Puma huzzi (Rio Tulumayo)
on road to Pucallpa. Alt. 1550 m.
27 Dec 1981. Approx. 9°05'S, 75°52'W

Printed
loc.

11701. Erato polymnioides DC. Comp.

(3) Shrub 2 m. tall in open quebrada.

USM 2+1
F Florets golden yellow. det. M.O. Dillon
1982.

11702. Polyanthina nemorosa (Klatt) King & Robinson Comp.

us (4) Herb to 1 m. tall on open roadside.

USM
F Stems purple brown. Lvs. dark shiny
green above dark shiny purple be-
neath. Buds green. det. M.O. Dillon
1982.

11703. Fuchsia macropetala Presl Onogr.

F
USM (3) Shrub 1 m. tall on open banks
MO of quebrada. Fls. deep red.

det. P. Perry 1982 det. B. Stein 88

11704. Centropogon umbrosus f. gesnerioides Gleason var. zelangii f. Wimmeri Lobeliac.

F
USM (4) Shrub 2.5 m. tall in open cut-over
K quebrada. Milky latex. Calyx light
green. Corolla carmine pink.
det. P. Matekytis 1983

F 11705. Tessaria integrifolia R. + P. det. M.O. Dillon 1982 Comp.

USM (2) Erect columnar treelet 5 m. tall

DEC 27 1981

on barren roadbanks. Buds creamy
to tan.

11706. Sabicea umbellata (R. & P.) Pers. Rubiac.

F (2) Twining vine in open thicket
USM on roadbank. Peduncle and bracts
pale green; corolla white. det. P. Matekaitis 1982

11707. Gloxinia sylvatica (Kunth.) Wiehl. Gesner.

F (3) Succulent herb on open
USM streambanks. Lvs. dark shiny green
line-SEL above, very pale green beneath.
Corolla red-orange, deep yellow
within with minute dark red dots
at throat. det. L. Skog 1982.

Sapind.

11708.

F (5) Shrub 2.5 m-tall in steep wet
USM mossy forest. Petals cream.
Mo

11709. Psychotria Rubiac.

(2) Treelet 4 m-tall in mossy forest
USM on steep hillside. Infl. axis pubescent.
F Buds light green.

11710. Curatella capitata (Poepp. & Endl.) Cogn. Cucurb.

F (3)
USM
K

Herbaceous vine on trunk of felled tree in wet forest on steep hillside. Stems tough, wiry. Fls. bright red-orange. Anthers orange.

det. C. Jeffrey 1983.

11711. Erythroxylum mamacoca Mart. Erythrox

(11)

det. T. Plowman 1985

Treelet 3 m. tall x 3 cm - DBH

F

(A) USM
HUT
NY
G
fotos

in understorey of wet mossy forest on steep hillside. Bark and twigs dark brown. Lvs. dark green, somewhat shiny

above, very pale glaucous green beneath with finely drawn dark green veinlets.

^{centrol. papery} lighter, more yellowish green. Stipules light green, coriaceous.

2-setulose. Fls. in the terminal cyme.

Pedical 6 mm long x 1.5 mm diameter, flattened. ~~Corolla~~ Corolla in bud creamy yellow.


^{plagiostepic} Branches flattened, short shoots ascending with prominent terminal cyme appearing above leaves (where flowers will appear). Twigs strongly compressed.

GH
US
MO
MO

11712. Melanea boliviana Standl. Rubiac.

(5) Climbing shrub on tree trunk
 USM in forest margin. Fls. creamy white.
 F U Immature fruits oblong, shiny light
 K NY green. Det. P. Matekzius 1982.

11713. Anthurium ~~Arac.~~

(2) Terrestrial herb in steep hillside
 seed - CIAI. forest. Trunk erect 60 cm. tall.
 USM Cataphylls ^{immature brown}. Petiole light
 F green  in x-section. Leaves
 MO ^{medium} green above somewhat shiny,
 pale ^{dull} green beneath, major nerves
 impressed above. Peduncle terete,
 light yellow green. Spathe and spadix
 light yellow green. Fruiting spadix
 and fruits mustard yellow.

11714. Anthurium VERSICOLOR SODIRO Arac.

(2) Terrestrial herb in steep hillside
 USM forest. Lvs. dark somewhat shiny green
 F above, dull pale green beneath

Sterile. *Cataphylls* light green.
(Infl. lost.) DET. T. CROAT 1995

F 11715. *Alloplectus* det. L. Skog 1982. *Jesner.*
USM (3) shrub 1.5 m. tall in wet hillside
US forest. Calyx light yellow green.
seed-CHI
SEL Corolla bright yellow. Whole plant
covered with pale green trichomes. FRS.
yellow covered with mucilage.

F 11716. *Psychotria macrophylla* R. & P. complex *Rubioc.*
USM (2) Herb 1 m. tall in steep hillside
forest. Bracts pale green to whitish.
Corolla white. Immature fruits very
pale creasing yellow. det. P. Matekaitis 1983

11717. *Brumfelsia* *Solanec.*
habit (3) Erect shrub 1.5 m. tall in some-
folos what open place in steep wet hillside
USM forest. Lvs. coriaceous, dull dark green
F above, pale yellow-green beneath,
NY somewhat bullate & undulate at margin.

11718. *Solanum pensile* Sendtn. *Solanec.*
(2) Climber at edge of forest
USM on steep hillside. Fruits immature,
F green. det. P. Matekaitis 1984

DEC 27 1981

11719. Bougainvillea x insignis (Barb. Rodr.) Lockwood Solanec.

F (6)
USM
NY
K

Shrub 1.5 m. tall on open road-side near former dwelling. Fls. pendulous at 60°. Calyx inflated, yellow green. Corolla tube cream, deep pink towards apex.

11720. Pentacalia divisoria (Cabr.) C. & S. Comp.

F (5)
USM
IBE
NY
US

High climbing herbaceous vine in disturbed margin of steep hillside forest. Lvs. coriaceous, shiny dark green above, deep reddish purple beneath. Infl. brown.
det. M.D. Dillon 1986.

11721. Clibadium

Comp.

F (4)
USM

Low shrub on open roadbank. Infl. branches and involucre light green tinged dark purple. Fls. greenish white. Anthers dark purple.

11722. Trianea speciosa (Drake del Castillo) Solereder Solanec.

(14)

fls. (A) K
MO
WOOD US
NY
USM U
F-3 COL
CORD GH
live: SEL
LYON

Extensive scandent shrub 4-5 m. tall in dense mossy forest on steep hillside. Leaves shiny dark green above, shiny yellow green beneath. Flowers cauliflorous, pendulous. Peduncle

pedicel + calyx pale green,
calyx inflated, 5-angled.

Corolla tube campanulate very
pale greenish brown, lobes basally
very pale purplish brown, apically
green. Pollen white.

det. A. T. Hunziker 1982

11723 Pilotrichella flexilis (Hedw.) Jaeg.
det. W.C. Steere 1984

11723.A Pilotrichella pentasticha (Brid.) ^{Wijk & Marg.} Bryoph.

F (3) moss pendulous from small
branches in wet hillside forest.

11723 B - Phyllogonium fulgens (Hedw.) Brid. det. W.C. Steere 1984

11724. Cyphomandra Solmes

(5) Shrub 2 m. tall with spread-
ing horizontal branches. Leaves
dark shiny green above, pale dull
green beneath. Immature fruits
fusi form, light green

USM

F

GH

MO

CORD

11725. Miconia sp. Melast.

(5) Treelet 5 m. ^{velvet?} in steep hillside
forest. Lvs. dull, dark green above,
pure white beneath. Infl. axis
& branches white. Buds pale green.

USM

F

US

K
U

(= Schunke 11302)

White tomentum is fungus mycelium fide D. Farr.
Basidiomyces - det. R. Singer 1982.

DEC 27 1981

11726. Monnina cf. AMPLIBRACTEATA FERREIRA Polleg.

F (2)
USM
Shrub 1 m. tall. Infl. 2 x is
red-purple. Fls. blue-violet with
yellow keel. FRS. red-purple.
DET. J. WURDACK 1984

11727. Faramea glandulosa R. & P. Rubiac.

F (3)
USM
K
Treelet 3 m. tall in steep hill-
side forest. Immature fruits
pale green. det. P. Matakaitis 1982.

11728. Triolena allardii (Wunderl.) Wunderl. Melast.

F (4)
USM
K
LA
Herb in steep moist forest
on L. side. Lvs. bullate dark shiny
green above, dull pale red-violet
beneath. Fls. white. det. T. Plowman 1982

11729. Besleria barbata (Poepp.) Hanst. Gesner.

F (4)
USM
US
Shrub 3 m. tall in wet
mossy forest on steep slope.
Lvs. dull dark green above with
impressed nerves, pale dull green
beneath. Calyx dark red. Corolla
fleshy red orange.
det. L. Skog 1982.

DEC 27 1981

SSP. JAPURENSIS (MART.) BEDELL

11730. NORANTEA GUIANENSIS AUBL. Marcrav.

F (7)
USM
U
NY
K
MO

Extensive scandent climber
5 m. tall in margin of wet
forest on steep slope. Flowers
green. FRuits dark red.

DET. H. BEDELL 1985

11731. Heliconia fugax Andersson Musac

(5+5)

photos
A

USM
F-2
GB
DUKE-2
K-2

Herb 1.8 m. tall in steep
wet hillside forest. Leaves some
whit dull dark green above; dull
lighter green beneath, ~~slightly~~
~~stippled~~. Infl. erect, distichous.
Peduncle light green. Rachis
and bracts deep red. Floral
bracts white. Pedicel ovary
and corolla light green.
Bracts brittle, disarticulating
with axis. det. L. Andersson 1984

A → DUKE

K. & R.

11732. Hebeclinium bullatissimum (B.L. Rob.) Comp.

(9)

USM TEX
F K
US NY
MO
CAL
GB

Suffrutescent herb on steep
open road bank. Leaves bullate,
dark green with silvery white
variegated patches between the
major nerves. Fls. white. det.
M. D. Ilg 1984

DEC 27 1981

11733 11734 11735

11733. Dichorisandra prob. sp. nov. Commelinac.

(2) unbranched herb to 1 m.

live: 3

SEL 82-40
Faden

tall in ^{wet} forest on steep slope.

Leaves dark velvety green above,
shiny red-purple beneath.

Peduncle, bracts + pedicels lt.
green. Fl. buds white.

Rhizomes producing fleshy
Storage tubers. - det. R. Faden 1982.

(A) US

F
US

11734.

Gram.

F (3)

USM
US

grass growing on moss-
covered fallen log in forest
on steep slope. Leaves red-purple
beneath.

11735. Calthea

Marant.

(3)

USM

live
lyon

Low herb in steep hillside forest.

Lvs. velvety dark green above with
lighter green central stripe - margin
undulate; lf. deep reddish purple
beneath with yellow-green midrib.

Peduncle + bracts light green.

Fls. white, stamens tipped
purple.

F
GB

DEC 27 1981

11736. Peperomia martiana Mig. Piperac.

F (3)
USM
NY

Epiphyte on mossy tree trunks.
Lvs. dark shiny green above, dull
very pale green beneath. Peduncle
light green, Spike pale green.
det. R. Callejas 1983.

11737. Stelis Orchid.

F (3)
USM
SEL

Epiphyte on mossy tree trunk.
Sepals greenish white. Petals deep
red-purple.

11738. Scelochilus ^{sp.} saccatus (P. & E.) Rehb. f. Orchid.

(1)
F

Epiphyte on mossy tree trunk.
Sepals creamy yellow. Lateral
petals white, the upturned lobes
~~to~~ rose pink with 3 deeper rose
nectar guides on each lobe. "spur"
of lip yellow, lobes pink.
gen. det. C. H. Dodson 1982.
sp. det.

11739. Piper Piperac.

(4)
USM
F
K
LA

^{strongly aromatic} Climbing herbaceous vine
on tree trunk near clearing
in steep wet hillside forest.
Lvs. bullate, dull dark green above,
dull pale green beneath. Spikes dark
red in flower, brown in fruit.

DEC 27 1981

11740. Erythroxylum mamacoca Mart. Erythrox.

F (12)
USM

* 3 cm at base
Treelet 3 m. tall in wet

WOOD: MAD
K

mossy forest on steep slope.

photos.

Branched 1 m. from ground.

NY
US
MO
K

Bark dark brown. Lvs. shiny dark green above, very pale dull glaucous green beneath with dark green venulets. Midrib yellow-green, central pannel more yellowish than rest of underside.

Sterile.

3 individuals only seen here.

Schumbers fertile collection from this tree.

11741. Drepanbechia

Arac.

(5) Erect herb 1.3 m. tall in forest

USM

on steep slope. Sp. ~~milky~~ with

F very faint skunk odor. Lvs.

K dull dark green above with some-
what bullate with impressed nerves.

lighter yellow-green beneath with
greenish ~~white~~ white midrib.

Sp Infl. 3 per axil; sp. the mus-
tard yellow.

DEC 27 1981

11742. Blakea sp. aff. B. repens (R. + P.) Don Melast.
(2) Climbing shrub on tree trunk,
USM to 2.5 m tall. Bracts and
F Sepals green. Unripe ovary white.

11743. Diplazium macrophyllum Desv. fern
(11) ^{terrestrial} Acaulescent fern in wet
USM forest on steep slope. Petiole 72
F-3 cm. long, blade 108 cm. long.
GH NY KOB E with 10 major pinnae per side.
W det. R.G. Stolze 1982.

11744. Vittoria graminifolia K. f. Fern
F (2) Epiphyte on mossy tree trunk
USM in forest. det. R.G. Stolze 1982.

11745. Huntleya heteroclita (P. + E.) Garay Orchid.
(1) Epiphyte on tree trunk in wet
foto. forest on steep slope. Bracts brown-
F red. Sepals + petals yellow-green
with dark red stripes. Lip pale
lavender, "fringe" violet; column
dark red.
det. C. H. Dodson 1982.

DEC 27 1981

11746. Psychotria sp. aff. P. victoriae Standl. Rubiac.

(4)
USM
F
K
My

Treelet 4 m. tall in wet forest on steep slope. Lvs. stiff, dull dark green above, somewhat bullate, pale dull glaucous green beneath with dark green veins. Infl. axis + branches green. Bracts dark purple. Corolla ^{yellow} yellow.
(check also P. quijonana Standl.) det. P. Matekaitis 1983

11747.

Guttif.

(2)
USM
F

Climbing - scandent shrub 6 m. tall leaning against tree trunk. Lvs. coriaceous, dull dark green above, dull pale green beneath. Fks. pendulous, shiny, dark red.

11748. Pilea

Urtic.

F (3)
USM
U

Epiphytic herb on mossy tree trunk in wet forest.
Infl. pale green.

11749. Thibaudia croatii Lutegyn

Eriac.

F (2)
USM

Epiphytic scandent shrub on tree trunk in wet forest. Stems light green. Petioles bright red - Lvs. shiny green above, dull

lighter green beneath. Calyx pale green. Corolla pale yellow.
det. J. Luteyn 1983.

11750. Heliconia sp. nov. aff. rostrata ^{R. + P.} Musac.

(16)

Herb 4 m. tall at base of

USM steep slope in wet hillside forest.

(A) fl. GB
F
fotos.

Stem and base of petiole purple-brown. Apical part of petiole

& midrib dark purple to greenish.

live: SEL
82-52

Duke-4

Infli. pendulous, bracts spiraled. Peduncle and ^{subtending bract} dark red.

Infli. rachis bright red. Bracts bright red with light yellow margin.

Fl. bracts yellow with pink blush.

Fls. yellow.

Petiole 82 cm long; leaf blade lanceolate, 146 cm long, dull dark green above, shiny lighter green beneath:

(A) → DUKE

11751.

(13)

Epiphyte ^{tree trunks and} Bryoph.
growing on branches in wet mossy forest on steep slope.

DEC 27 1981

22

11752.

Bryophyta

(2) Ibid. as 11751.

11753

(2) Ibid

11754. Squamidium nigricans (Hook.) Broth.

(1) Ibid. det. W. C. Steere 1983

11755-A. Ectropothecium apiculatum (Hornsch.) Mitt.

(2) Ibid. & Rhacopilum tomentosum (Hedw.) Brid.
det. W. C. Steere 1984

11756 Leiomela bartramioides (Hook.) Paris

(1) Ibid. det. W. C. Steere 1984

11757. Prionodon densus (Hedw.) C. Müll.

(1) Ibid. det. W. C. Steere 1981

11758.

(1) Ibid.

11759.

(1) Ibid.

11760

(1) Ibid.

11761. T
(4) Ibid.

11762
(1) Ibid.

11763. Leptogium azureum (Sw.) Mont. Lichen
(1) Ibid. det. R. C. Harris 1987.

11764.A Meteoriopsis remotifolia (C. Müll.) Broth.
(5) Ibid. det. W. C. Steere 1984

11764B Ectropothecium apiculatum (Hornsch.) Mitt.
? Rhacopilum tomentosum (Hedw.) Brid.

Vouchers for live material det. W. C. Steere 1984

Live SEL 82-39 11764A. Anthurium corrugatum Arac.
(3) F Terrestrial herb. Lf. rugose.
MO

11764B. Xanthosoma stenospathum Madison Arac.
Lyon (1) F Terrestrial herb with creeping rhizom. Lf. dark satiny green above with sunken nerves, shiny beneath

11764C. Xanthosoma Arac.
Lyon (1) F Terrestrial herb. Lf. slightly shiny above, lighter green slightly shiny beneath
det. T. Coet 1984.

DEC 27 1981

11764D. Anthurium

Arac.

F (1) ^{inc. Mo} Terrestrial herb. Lf. velvety dark green above; pale dull beneath.

11764E. terrestrial Fern.

fern.

DEC 27 1981

Printed

PERU: Dept. Huancayo. Prov. Leoncio Prado. Tingo Maria. Grounds of Hotel Turista. Alt. 6800 m. 27 Dec 81.

11765. Juzenilloa parasitica R. + P.

Solanec.

(30)

USM

(A) photos

F CORD-2

MO

GH

NY

US

K

U

AAU

COL

GB

P

INPA

BR

S

G

Duke

TEX

SEL

MEXU

C CTES

Epiphytic shrub 4 m. tall x 5 m. in diameter growing in large tree. Petioles purplish. Leaves shiny medium green above, lighter dull green beneath. Infl. pendulous. Pedicel and base of calyx dark green, ~~calyx~~ 5-angled. Calyx fleshy, bright orange, inflated. Corolla darker orange, fleshy, the lobes yellow. Pollen creamy white. Infested with ^{biting} ants.

det. A. T. Hunziker 1982.

(A) K

DEC 29 1981

PERU: Dept. Huánuco, Prov. Ambo, 3 km.
North of Salcachupan on road from Ceres de
Pasco to Huánuco. Alt. 2650 m.
29 Dec 1981.

11766. Trichocereus
(10)

Cactac.

fotos

USM
F
MO
TEX
K
NY

Columnar cactus to 3 m.
tall on steep dry rocky hillside.
Hypanthium bracts dark green,
trichomes black. Outer tepals
dark red. Inner tepals pure
white.

11767. Commelina fasciculata R. & P. Commel.

(1) Trailing herb. Petals sky blue.

F Stems dark red. det. R. Faden 1982.

11768. Pineda incana R. & P.

Flacoust.

~~Hypericium~~

~~Guttif.~~

(3) Shrub 50 cm. tall. fls. golden
yellow.

F
USM
K

11769. Cynanchum tarmense Schl. & R. Asclep.

(3) NY Vine among shrubs on slope. Milky
USM sep. fls. creamy white. det. R. Collejas 1982.

total Peru 3562 sheets

~~overwritten~~

Florida: Sarasota. Selby Botanical
Gardens.

13 Jan 1982

11770. Bromfelsia

Solanac.

(3)

F

Cult. shrub 1 m. tall. Leaves
& calyx subcoriaceous. Calyx
light green, inflated. Corolla
tube and limb pale violet beneath.
Limb light violet with white spot
on upper half of throat.

Ex Plowman 7400

Chicago, Illinois

28 Jan 1982

11771. Nephrolepis multiflora

Fern

F
USM (2)

Cult. fern. Ex hort.

Harrisburg, Penna. 1 Feb 1982.

11772. Schlumbergera bridgesii (Lem.) Löffgr. Cactac.

F (2) Cult. cactus - hanging pot. Branches
BH pediculous fleshy. Fls. magenta pink.

11773.

Brom.

F (1) Cult. pot plant. Corolla basally greenish yellow,

spically blue.

Peru: Lima: Surquillo. Dec 1, 1981.

11774. Minthostachys tomentosa (Benth.) Epling Labiat.

(2) n. v. "muña" det. C. Niezgodna

F Herb sold in market. 1982

11775. Brumfelsia nitida Benth.

(1) Seeds collected in Allen Fernandez' garden.

" 8 Jan 1982.

Chicago, Ill. 24 Feb '82 Field Museum

11776. Hatiora salicornioides

F (1) Erect branched succulent cultivated in pot. Fls. yellow.

11777. Dischidia rafflesiana Wall. Asclep

F (1) Succulent vine. Cultivated in pot. Milky latex. Fls. white. from George Wilder collection.

11778. Leucospermum Proteac.

F (1) Cult. plant. Fl. purchased from florist. Basal parts of perianth, filament & pistil yellow; apical parts red.

Chicago, Ill. 15 Mar 82.

11779. Ctenanthe burle-marxii H. Kennedy

(1)

F Cult. Rhizomatous herb in pot. Lvs. very pale whitish green beneath with ⁵ dark green ^{sterile} ~~on margins~~ ^{ends} on each side; Infl. bracts ~~light~~ light yellow green. Fls. pale yellowish.

11780. Maranta leuconeura E. Morr. var.

(2) erythroneura Bunting.

F Cult. low spreading rhizomatous herb. Lvs. dark green above, with pale green central stripe and red major lateral nerves; red-purple beneath. Bracts tan, perit-

Chicago, Illinois. University of
Chicago Greenhouse. 21 Mar 82

11781. Stenageria eriopus (Kunze) Nash

F (1) Cycad cult. in pot. Cones brown.

11782. Piper betle L.

F (2) n.v. Betel Pepper

Econ Cult. sterile vine.

11783. Piper ornatum N. E. Brown
F (1) Cult. sterile vine. Leaves
shiny dark green above ~~with~~
spotted with pinkish white
along nerves. cv. "Celebes Piper"

11784. Piper nigrum L.
F (2) "Black Pepper"
BH Cult. ^{trailing} vine. Stems & peduncles
purple black. Spikes dark green.

11785. Oxalis herrerae R. Knuth
F (1) Cult. Erect succulent stemmed herb.
Fls. yellow.

11786. Anthurium polyschistum R. E. Schult. & Idrobo
F (1) Cult. vine. Spathe & Spadix
green. Leaflets not undulate.

11787. Chlorophyllum amaricense Engl.
F (1) Cult. rosulate herb. Fls. green.

11788. Anthurium magnificum Linden
F (1) Cult. herb in pot. Petiole 4-
ang led. Lvs. dark velvety green
with pale green nerves. Spathe pale
green. Spadix purple black.

11789. Anthurium polyschistum R. E. Schult.

F (2) & Idrobo
BH Cult. vine. leaflets strongly
undulate at margins.
Spathe + spadix green.

6 Apr 1982. Chicago, Illinois'

11790. Gleolaria crenatiflora Cav.

(3) "Pocketbook flower"
F Cult. herb purchased from
GB florist. Corolla bright yellow
BH with dark red spots.

11791. [Cineraria] Senecio x hybridus (Willd.) Regel

(3) Cult. herb purchased at
F florist. Rays dark blue-purple,
BH white basally.
LP

Mexico: Michoacán. Patzcuaro. ^{Preserved} 7 May 1982

11792. Laelia speciosa

(1) (F) Epiphytic orchid with pink
fls. Purchased by John Shey,
30 Apr 1982. Orchid.

6 May 1982

F 11793. Capsicum chinense Jacq. (Cubero)

IND (3) "aji yagurzaia" Cult. in shade
WAG at Field Museum. Buds yellow-green.
Seeds from Colombia: Vaupés. Mitú.

Chicago. 13 May 82

11794. Chlorophyton

- F (1) Cult. Rosette herb with fleshy roots. Lvs. light green with narrow dark green margins. Fls. white.
-

Chicago, 18 May '82 Field Museum

11795. Amorphophallus rivieri Durieu

(2)

F-2

Tuberiferous herb. Inflorescence appearing without the leaves, 1.2 m. tall. Peduncle mottled, snake-like, dark greenish brown with whitish pattern, white within. Prophylls pink mottled with green. Spathe erect, enclosing fertile part of spadix, abaxially fleshy - ~~purple~~ ^{cream} (with dark greenish brown spots toward base; dark purple toward margins & apex, ^{v.} adaxially dark reddish purple, purple-black at very base for 5 cm. Spadix erect: ♀ part: ovary white, ~~purple~~ ^{style & stigma} purple. ♂ part dull olive green, apically purple. Sterile appendage dark purple, spongy. Leaf specimen: Matekzin 914.

Odor of rotting meat for 3 days
after flower opened.

Chicago 23 MAY 1982

11796. Spinacia oleracea L.

(1) Spinach

F Planted Aug. 1981, overwintered.

F15. green.

Harrisburg, Penna. 10 May 1982

11797. Philodendron erubescens C. Koch + Augustin ^{Araç.}

(1) Cult. climbing herb. Stem, petiole

F & spathe dark red. Lvs. shiny green.
det. S. Mayo 1986.

11798. Philodendron scutellum Schott

(1) Cult. climbing herb. Spathe

F ~~light~~ ^{photos} creamy white with pink
blush near base.

13 May 1982

11799. Zamia ulei ?

(1) Cult. cycad. Leaflets dark green

F above, pale green beneath. Grown from
seedlings collected by George Wilder,
Letícia, Colombia, 1978.

no 78-AG-2 (A). live: HLA.

11800. Zamia

(2) Cult. cycad. Leaflets shiny above,
F corrugate. Young plants collected
FCS in Colombia, Leticia by George
Wilder, 1978, no. 78-A6-2 (B).
Loc: HLA.

Miami, Fla.

11801. Xanthosoma

(2) n.v. "calalu"

F Cultivated aroid grown for
MO foliage which are eaten as a
boiled green. From St. Lucia,

Chicago, Ill. 1 June 1982.

11802. Iris

(1) Cult. at 831 W. Buckingham.
F Fls. pale blue.

11803. Brossica kaber

(1) weedy herb in waste ground.
Fb. yellow.

1237 W. Newport. 1 June 1982.

11804. Armeria maritima (Mill.) Willd. Plumb.
F (1) Clump-forming herb. ~~102377~~ Fls. deep pink.
Sold as "Armeria leuchena"

11805. Dianthus deltoides L. Caryoph.
 (1) Clump forming herb. Fls. deep
 F magenta. N.V. "Ting Pink"
11806. Iberis sempervirens L. Crucif.
 (1) Clump forming herb. Fls. white.
 F n.v. "candy tuft" det. T. P.
- 10 June 1982. Univ. of Chicago Greenhouse
11807. Huernia zebrina N. E. Brown Asclep.
 (1) Cult. succulent. Fls. dark red-brown
 F in center, striped ^{pink} yellow + dark brown on lobes.
11808. Brunfelsia
 (1) Ex Ploumen 7400. Sterile shrub.
 F
11809. Palisota barteri Hook. f. Commel.
 (1) Cult. rosulate herb. Fruits
 F bright shiny red. Lvs. shiny both sides.
 From Bob Faden.
11810. Ctenanthe burke-marxii Kennedy var. obscura Kennedy
 (1) Cult. herb ex hort. Miami.
 F Lvs. ^{dull} greyish green above with
 dark shiny green splotches on
 major nerves; dull dark red-

purple throughout beneath.
 Petiole purplish green. Pulvinus
 dark brownish to purplish. Peduncle
 & ^{basal} infl. bract green. ^{upper} Infl. bracts
 light green with pale hyaline margin.
 Fl. bracts ^{calyx + corolla} ~~calamy~~ white.
 Involucels stem-nodes creamy white
 apically yellow.

Marant

11811. Stenantha setosa (Rascoe) Eichler

(2) Cult. herb 1 m. tall. Lvs.

F
 UB dark grey green above with
 darker green nerves; pale grey
 green to red purple beneath
 Bracts pale green.

Fls. pink.

July 11, 1982

(Lodd.) Engl. Arac.

11812. Zamioculcas zamiifolia

(1) Cult. succulent herb. Infl.

F basal. Spathe pale green,
 reflexed. Spathe & creamy
 white.

20 June 1982.

11813. Astroemeria Ameryll.

- (1) Cult. plant. Cut-flowers
F Sold in Treasure Island Super
Market, Cornelia & Broadway.
Tepals apically rose-pink,
basally yellow with dark green
spots.

11814. Anigozanthos pulcherrimus Haemod.

- (1) Sold as cut-flowers in
F florist at Broadway and Newport.
Stems red-purple. Fls. yellow.

11815. Anigozanthos manglesii D. Don Haemod.

- (1) Sold as cut-flowers at florist
F shop at Broadway & Newport.

11816. Raphanus sativus L. Cruc.

- F (1) Cult. radish. Fls. white.
Cult. in garden.

11817. Anthurium gracile (Rudge) Lindl. Arac.

- F (1) Cult. in pot at Field Museum.
Spathe green. Spadix brown.

11818. Allium giganteum Regel Liliac.

- F (1) Cult. ornamental. Fls. pale
violet. Lvs. glaucous.

11819. Allium cepa L.

Liliac.

F (1) "Spanish Red Onion".

Bulb dark red-purple. Perianth segments white with green midrib.

Grown from sets.

14 July 1982 Chicago

11820. Silene armeria L.

Caryoph.

F (2) Weedy ornamental naturalizing in gardens. Fls. magenta pink. Lvs. glaucous.

11821. Gaillardia pulchellum

Comp.

F (1) Cult. annual ornamental. Rays dark red, tipped yellow. Disc dark red-purple.

11822. Allium cepa L.

Liliac.

F (1) Cult. onion grown from commercial onion purchased in Supermarket. Perianth white.

11823. Daucus carota L.

Umbell.

F (1) Cult. carrot grown from seed planted in 1981 - ~~from~~ "Park's Hybrid" Fls. greenish white.

collection count for 1981-82 ends here!

Chicago, Ill.

11824. Allium

- (1) Native onion grown by Pima?
Indians, Arizona.
Cultivated. Sterile. Clump forming.
Does not flower.
14 July 1982

19 July 82

11825. Lactuca setiva L.

Comp

- F (1) cultivated biennial. Fls. yellow.
Milky latex in stem.

9 Aug 82

11826. Ullucus tuberosus CALDAS ^{TUBEROSUS} SSP. Basell.

- F (2)
CEL Tuben-bearing herb. Cultivated
from tubers collected in
Peru. Stems bright (crimson) red.
Lvs. green. Did not flower.
Succumbed to summer heat.
DET. C. SPERLING-1987

11827. Statice = Limnium sinuatum (L.) Mill.

- F (2)
BH Cult. herb. fls. magenta. det. P. Matekaitis 1982

9 Aug 82

11828. Papaver somniferum L.

- F (4)
Elev
INPA (cult? annual in weedy garden.
Fls. pale pink. Foliage glaucous.

15 Aug 82

11829.

Comp.

F (1) var. "massangena cactus flower"
Cult. herb. Rays pale blue.

Anthemis tinctoria L. cv. 'Kelwayi'

11830. Anthemis kelwayi yellow" Comp.

F (2) [California daisy] "Golden Marguerite"
BH Cult. aromatic herb. Fls. yellow.

11831. Helichrysum bracteatum Andr

F (1) Cult. annual herb. Involucre
scarious, deep coppery red. ~~Ray~~ Disc
yellow.

11832. Helichrysum bracteatum Andr.

F (1) Cult. annual herb. Involucre
scarious, pure white. Disc yellow.

11833. Helichrysum bracteatum Andr.

F (1) Same as 11832. Involucre burnt
orange, yellow at center.

11834. Labiab purpureus = Dolichos lablab L.

(8) Twining vine. Stems & petioles
and fruits deep red-purple.
Fls. light violet.

F
BH
CEL
DAV
WAG

MO
ECON

11835. Chenopodium quinoo Willd.

Chenopod.

(2) Cult. annual grown from
F, CEL seed from Cuzco, Peru.

see ECON
BOT
COLL.

Heavily ~~is~~ damaged by insects.
Foliage grey-green with new growth.
pale red-purple. Fls. pale red-purple.

11836. Ribes grossularia L.

Saxifr.

(1) Cult. Armed shrub 60 cm. tall
F with arching-spreading
branches. Frs. globose, trans-
lucent green, purple-black at
maturity.

Pennsylvania: Dauphin Co.

Lower Paxton Township. Environs of
Beaver Creek south of Route
88, ca - 8 miles east of Harris-
burg. 6780 Hickory Lane.

6780 Hickory Lane - cult. plants.
May-June, 1982.

11837. Arum

Arac.

- F (1) cult. herb. Leaves spotted.
Sp the cream.

20 July 1982

11838. Cercis canadensis L.

Leg.

- F (1) cult. tree 4 m. tall. FRs. green.

11839. Lythrum salicaria L.

Lythrac.

- F (1) cult. herb in open wet seep.
Fls. magenta.

11840. Asimina triloba (L.) Dunal

Annon.

- F (1) cult. tree let 3 m. tall.

11841. Mirabilis jalapa L.

Nyctag.

- F (1) cult. ~~perennial~~ herb. Fls. magenta.

11842. Campsis radicans (L.) Seem,

Bignon.

- F (1) High climbing liana, cultivated.
Corolla pale red-orange.

11843. Macleaya cordata (Willd.) R. Br. Papaverac.
F (2) ^{BH} Cult. perennial herb. Lvs. silvery
green in white below. Fls. cream.

11844. Cornus Cornac.
F (1) Shrub 2.5 m. tall. Immature fruits
green.

11845. Viburnum opulus L. Caprif.
F (1) Cult. shrub 1.8 m. tall. Fls. pale
yellow.

11846. Euonymus fortunei Celastr.
F (1) Cult. low shrub 1 m. tall with
spreading branches. Fl. buds green.

11847. Cynanchum nigrum (L.) Pers. Asclep.
F (1) Cult. perennial vine 1 m. high.
Sep clear. Fls. purple-black. det. PM 1983

11848. Phyllostachys Gram.-Bambus.
F (1) Cult. hardy bamboo 3 m. tall with
long underground rhizomes.

11849. Spiraea latifolia (Ait.) Borkh. Rosac.
F (1) Cult. shrub 80 cm. tall. Fls. pale
pink.

11850. Iris Irid.
F (1) n.v. "Japanese Iris"
Cult. clump forming iris. Capsule green.

11851. Salix babylonica L. Salic.
F (1) n.v. ~~weeping~~ ^{weeping} willow
Cult. tree 8 m. tall with pendulous
branches. In wet meadow.

11852. Malus baccata Rosac.
(1) n.v. "Flowering Crab apple"
F Cult. tree 5 m. Planted in field
as wild life food. FRS. pale yellow-green.

11853. Fraxinus americana L. Oleac.
(1) Tree 6 m. tall in edge of woods.
F FRS. yellow-green.

11854. Quercus acutissima Carruth. Fagac.
F (1) n.v. sawtooth oak.
Cult. shrub 2 m. tall in old field,
planted as wild life food.

11855. Euonymus alatus (Thunb.) Sieb. Celast.
F (1) Cult. leafy shrub 3 m. tall.
Immature fruits green.

11856. Cestanea pumila (L.) Mill. Fagac.

F (2) n.v. "Chinguapin"
BH
FRS. separate Cult. tree 5 m. tall. Burs
light yellow-green. det. PM 1983

11857. Hosta Liliac.

F (1) Cult. herb. Fls. light violet.
Aggressively spreading in forest
understory forming dense stands.

11858. Aralia spinosa Araliac.

F (1) ~~3~~ Cult. sparsely branched weak
tree 6 m. tall. Infl. terminal,
pale green.

11859. Aesculus Hippocast.

F (1) Cult. shrub 2 m. tall. Fls.
creamy white.

11860. Lothyrus latifolius L. Legum.

F (1) n.v. Everlasting Pea
Cult. perennial herb. Fls. deep
pink.

11861. Corylus avellana L. cv. 'Contorta' Betul.

F (1) n.v. contorted Hazel
Cult. shrub 2 m. tall. Sterile. Branches
highly twisted.

11862. Buxus sempervirens L. Buxac.
F (1) Cult shrub 2 m. tall. Leaves
shiny. Immature fruits green.

11863. Cotoneaster horizontalis Decne. Rosac.
F (1) Cult. shrub 0.5 m. tall, with
low spreading branches

11864. Pyracantha coccinea M. J. Roem. Rosac.
F (1) Cult. Scandent shrub, ^{3m. tall} grown against
a wall. Immature fruits green.

11865. Rubus phoenicolasius Maxim. Rosac.
F (1) n.v. wineberry
Arching ^{armed} shrub in understory of
woods. Lvs. white beneath. Fruits
red.

11866. Carya ovata (Mill.) K. Koch Jugland.
F (2) n.v. "shagbark hickory"
PH Native tree 15 m. tall with
light grey exfoliating bark. FRS.
light green. det. PM 1983

11867. Crataegus Rosac.
F (1) Treelet 3-4 m. tall in understory of
woods. FRS. green.

11868. Eupatorium

- (1+1) n.v. Joe Pye Weed
F Herb 5 m. tall in low moist meadow. Stems pruinose, purple to pale green, spotted. In bud.

11869. Eupatorium rugosum Houtt.

- (2) n.v. white Shakeroot
F PH Herb in open woods. Fls. white.
det. PM 1983

11870. Galium triflorum Michx.

- (1) Sprawling herb in moist low meadow.
F Fls. white. det. P. Matekaitis 1983

11871. Myosotis scorpioides L. Borag.

- (1) Mat-forming herb in stream bed.
F Corolla sky blue with yellow center.
n.v. "forgetme not" det. P. Matekaitis 1983

11872. Rubus allegheniensis Porter

- (1) n.v. blackberry
F ~~Armed~~ Armed scandent shrub in poor open field. Frs. purple-black.

11873. Anemone virginiana L.

- (1) F Tall herb in open old field. Sepals creamy white.
det. P. Matekaitis 1983

11874. Boehmeria cylindrica (L.) Sw. Urticac.
F (1) Tall herb on banks of Beaver Creek.
Fls. greenish.

11875. Sanicula gregaria Bicknell Umbell.
F (1) Herb in moist woods.

11876. Podophyllum peltatum L. Berber.
F (2) Rhizomatous perennial in moist
GHT woods. Frs. light green

11877. Coryza glabra (Mill.) Sweet cf. var. ^{megacarpa} Sarg. Jugland.
F (1) Tree 8 m. tall. Bark dark green
wt exfoliating. Lvs. dark green
above, dull; lighter green shiny
beneath. No fruits. det. P.M. 1983

11878. Prunus serotina Ehrh. Rosac.
F (1) Shrub 3 m. tall in old field.
Frs. green.

11879. Cornus florida L. Cornac.
F (1) Tree 6 m. tall. Immature fruits
green. n.v. ^{flowering} dogwood

11880. Rudbeckia hirta Comp.
(1) F Perennial herb in old field.
Reys golden yellow

11881. Heckelia virginiana (L.) I. M. Johnston, ~~Boag~~
(1) F Herb in moist woods. Fls. white.
det. P. Matekaitis 1983

11882. Plantago lanceolata L. Plantag.
(1) F Herb in old field.

11883. Ulmus rubra Muhl. Ulm.
(1) Tree 6 m. tall in woods. Bark
F rough, light green brown
n.v. slippery elm

11884. Lonicera morrowii Gray Ceperf.
(1) n.v. bush honeysuckle
F Aggressive naturalized shrub
1.5 m. tall in old fields and
woods. FRs. red, mucilaginous
within. det. M. Nee 1983

11885. Dianthus armeria L. Caryoph.
(1) n.v. Deptford Pink
F Herb in old field. Fls. rose-pink

11886. Geum canadense Jacq. Rosac.
 F (1) Herb in moist woods. Fls. white.
 det. P. Matekaitis 1983
11887. Cryptotaenia canadensis (L.) DC. Umbell.
 F (1) Herb in moist woods. Frs. green.
11888. Fraxinus americana L. Oleac.
 F (1) Tree 8 m. tall in old field.
11889. Parthenocissus quinquefolia (L.) Planch. Vitac.
 F (1) Vine in old field. Fls. light green.
11890. Hydrastis canadensis L. Ranunc.
 F (1) Cult. perennial herb. Fruits
 red. Rootlets yellow.
 n.v. "goldenseel"
-
- 30 July 1982.
11891. Arizema dracontium Arac.
 F (1) n.v. green dragon
 Cult. bulbiferous herb. Frs. shiny,
 still green.
11892. Chrysanthemum morifolium Comp.
 F (1) "florists chrysanthemum"
 = Cult. in pot. Fls. yellow.

11893. Euonymus fortunei Celastr.
F (1) Cult. low shrub 1 m. tall with
shiny lvs. Fls. greenish yellow.

11894. Salix matsudana Koidz. cv. 'tortuosa' Salic.
F (1) n.v. "corkscrew willow"
Cult. tree 6 m. tall.

11895. Gubophyllum thalictroides (L.) Michx. Bieb.
F (1) Cult. perennial herb. FRS.
deep blue.

V. FORMOSUM H.C. ANDREWS DET. L. UTTAL 1988

11896. Vaccinium corymbosum L. Eric.
(1) n.v. "commercial blueberry"
F Cult. shrub 65 m. tall in
old field. Fruits dark blue.

11897. Impatiens sultani Balsam.
(1) F Cult. in pot. Fls. bright pink -
orange.

11898. Begonia cucullata Willd. Begon.
(1) Cult. in pot. Lvs. variegated -
F splotched. Stems succulent. Fls.
rose-pink. DET. K. BURT-UTLEY 1988

11899. Iresine herbstii Hook. f. Anar.
F (1) Cult. in pot. Lvs. variegated, green
with yellow nerves, petiole + midrib
red.

11900. Begonia Begon.
F (1) Cult. herb. Stems + petioles red.
Fls. - pink.

11901. Acer pensylvanicum Acer.
F (1) n.v. moosewood
Cult. treelet 5 m. tall. Frs.
pale yellow-green.

11902. Lobelia cardinalis Lobel.
F (1) Cult. herb in moist seep (natural-
izing). Fls. bright red.

11903. Iris pseudacorus Irid.
F (1) Cult. around pond, spreading.
Frs. immature, green.

Beaver Creek

GH 11904. Potamogeton sp.
F (2) Submerged aquatic in creek.

11904A. Hypericum punctatum Lam. det. P.M. 1913
F (1) Herb on stream bank. Fls. yellow.

11905.

Aquif.

(1) n.v. Deciduous Holly

F Shrub 2-5 m. tall in moist woodland margin. Immature fruits green.

11906. Lindera benzoin (L.) Blume

Laurac.

(1) n.v. Spicebush

F Shrub 2-3 m. tall. Lvs. aromatic. FRs. shiny green, immature.

11907. Mimulus alatus Ait.

Scroph.

(1) Herb at edge of creek. Fls. pale

F violet.

det. PM 1983

11908. Lotus corniculatus L.

Legum.

(2) ^{Low} Sprawling herb from central

F 7H aculeate caudex in disturbed area. Fls. yellow.

11909.

Gram.

(3) Tall scandent grass on stream

F
PH
LP
bank.

11910. Celastrus orbiculatus Thunb.

(1) Climber in open thicket in ^{old} dry
F creek. FRs. light green, light orange within.

n.v. bittersweet.

11911. Desmodium canadense (L.) DC. Leg.
F (1) Erect herb in woodland margin.
Fls. magenta.

11912. Hieracium paniculatum L. Comp.
Ered
F (2) ~~Forster~~ herb on steep banks
PH along stream under Quercus,
Fagus; Fls. yellow.
T.M. GARLAND 1990

11913. Hystrix patula Moench Gram.
F (1) "Bottlebrush Grass"
GH In Open woods along Beaver Creek.

11914. Elymus villosus Muhl. Gram.
F (2) On banks of Beaver Creek.
PH det. M. Nee 1983

11915. Leersia virginica Willd. Gram.
F (1) On banks of Beaver Creek. det. PM 1983

11916. Penthorum sedoides L. Crasal.
F (1) Herb on moist stream banks.
Fls. greenish white.

GH 11917. Lysimachia quadrifolia L. Primul.
F (3) Herb 1 m. tall on streambank. Fls. yellow.
PH

11918. Teucrium canadense L. Labiat.
(1) F Herb in old field. Fls. lavender pink.

11919. Teucrium canadense L. Labiat.
(1) F Herb on moist stream bank. Fls.
pale pink to pale violet.

CLINOPODIUM VULGARE L.

11920. Blephilia ciliata (L.) Benth. Labiat.
(1) F Herb in moist thicket on stream
bank. Fls. lavender pink.

11921. Verbena urticifolia L. Verb.
(1) F Tall herb 2 m. tall on moist
open stream bank. Fls. white.

11922. Vitis vulpina L. Vit.
(3) F High climbing liana among
trees on open stream bank.
GH
PIT Gumstercere fruits green. det. P. Matekaitis 1983

11923. Dipsacus sylvestris Huds. Dips.
(1) F n. v. "fessel"
Annual herb in moist open
meadow. Fls. pale lavender.

11924 Viburnum prunifolium L. Caprif.
F (1) Shrub ~~to~~ 1.5 m. tall in old field.
FRS. yellow.

11925 Agrimonia parviflora Ait. Ros.
F (1) Herb 1.5 m. tall in moist wood-
land margin. Fls. yellow.
det. G. J. Kline 1983.

11926. Triosteum angustifolium L. Caprifol.
F (2) n.v. "horse gentian"
BH Perennial herb in old field.
FRS. bright orange.
det. PM 1983

11927. Cassia marylandica L.
F (3) Shrub 2.5 m. tall in ^{moist} woodland
GH margin along Beaver Creek. Fls.
K deep golden yellow.

11928. Clematis virginiana L. Ranun.
F (1) Vine in thicket in old field.
Fl. white. det. P. Matekaitis 1983.

CLINOPODIUM VULGARE L.
11929. Blephilia ciliata (L.) Benth. Labiat.
F (1) Erect ~~tree~~ herb in old field.
Fls. lavender.

11930. Apocynum cannabinum L. Apoc.
(2) Perennial herb 1.5 m. tall in old
F field. Fls. ~~white~~ cream. det. P.M. 1983
PH

11931. ~~Centaureium~~ Centaurea maculosa Lam. Comp.
(2) Perennial herb in old field.
F Fls. red violet. det. P.M. 1983
PH

11932. Ludwigia palustris (L.) Ell. var. americana (DC.)
Ferm. & Griseb. Onagr.
(2) Herb with ascending stems in
F shallow stream. det. P.M. 1983
PH

11933. Lycopus americanus Muhl. ex Bart. Lab.
(1) Herb on streambank. Fls. white.
F det. N. C. Henderson 1986
PH

11934. Polygonum persicaria L. Polygon.
(1) Herb on banks of Beaver Creek.
F Fls. rose-pink.

11935. Galium triflorum Michx. Rub.
(1) Sprawling herb on moist open
F streambank. det. P. Matekaitis 1983
PH

11936. Polygonum persicaria L. Polygonac.
(1) Herb on moist open streambank.
F Fls. pink.

11937. Hypericum perforatum L. Authf.
F (1) Herb in dry field. Fls. brownish.
det. P. Metekaitis 1983

11938. Alisma subcordatum Raf. August.
F (1+1) Rosulate herb in shallow water in
stream bed. det. PM 1983
Cultivated, Harrisburg, PA.

11939. Scutellaria Comp.
F (1) Cultivated medicinal aromatic
herb. Fls. yellow.

11940. Helianthus Comp.
F (2) Cultivated perennial collected
IND wild locally. Rays yellow.

Pennsylvania: Dauphin Co. Lower
Benton Township, 8 mi. east of Harris-
burg.

24 Sept 1982. T. Plowman & P. Metekaitis

~~BARBARA~~

11941. Polygonum sagittatum L. of Bismarck Creek.
F (2) Scrambling herb on stream banks
PH Fls. pink.

11942. Solidago CANADENSIS L.
F (1+1) Erect herb in old open field. Fls. golden
yellow.

11943. Helianthus

(1) F Erect herb hum. tall in edge of woods. Rays yellow.

11944. Cicuta maculata L.

Umbell.

2-F (2) Tall herb in wet open area along Beaver Creek. FRs. green.

11945. Solidago caesia L.

(5) Herb in woods along Beaver Creek.
F PH GH
LP OSU Fls. yellow. det PM 1983

11946. Aster

(1) Herb in woods along Beaver Creek.
F Rays white; disc yellow.

11947. Aster

(1) Herb at edge of woods along Beaver Creek. Rays blue-violet.
F Disc yellow.

11948. Bidens

(2) Herb in ^{moist} stream bed of Beaver Creek.
LP Rays yellow. Disc orange.

11949. Cuscuta GRONOVII WILLD.

- F (1) Orange vining parasite on Impatiens
copensis on streambank. Beaver
Creek. Fls. pale cream. DET. T. BELIZ 1987

11950. Vernonia novaboracensis (L.) Michx.

- F (3) GIT
PIT New York ironweed
Herb 1-1.5 m. tall in moist
meadow along Beaver Creek. Rays
red-violet.

11951. Cornus amomum Mill.

- F (1) Shrub 2 m. tall in open thicket
along Beaver Creek. FRs. blue-black.

11952. Berberis japonica

- (1) "Japanese Barberry"
F Naturalized in woods along stream.
FRs. bright red.

11953. Coronilla varia L.

- F (2) GIT vining herb on streambank. Legum.
Fls. purple + white

11954. Solidago ALTISSIMA L.

- F (1+1) Tall herb in open field. Fl. yellow.

11955. Heckelia virginiana (L.) I. M. Johnston Borag.
F (1+1) Herb in low, moist woods - FRS.
green. det. P.M. 1983

11956. Eclipta alba L. Comp.
F (1) Rubbery-leaved herb in gravelly
stream bed. Beaver Creek.

11957. Cymbalaria muralis Scop.
F BH (2) Creeping vine on rock walls.
foto Fls. pale violet with yellow nectar
guide. "Kenilworth Ivy"

11958. Miscanthus sinensis Anderss. Gram.
F BH LP (3) Tall clumped cult.-grass 2 m.
tall. Infl. reddish

11959. Miscanthus sinensis Anderss. var. zebrina Beauv. Gram.
F BH (2) Cult. clumped grass 2-3 m.
tall. Lvs. variegated with white bands.

11960. Sicyos angulatus L. Cucurt.
F GH PH (3) Climbing herbaceous vine in
clearing in woods. FRS. green.

11960 A. Lobelia inflata L. Lobel.
F (1) Herb in old field.

11961. Hosta Liliac.
 F (2) Aggressive spreading herb in
 BH open woods, escaped from cultivation.
 FRs. green. Seeds black.
11962. Cucurbita sp of C. pepo L. Cucurb.
 F (1) Cult. ~~cucurbita~~ from commercial
 seed. Dwarf bush cultivar.
 Fls. yellow. FRs. globular, green.
11963. Sedum telephium L. Crassul.
 F (1) Cult. succulent herb. Fls.
 white. ornamental.
11964. Oenothera perennis Onagr.
 F (1) Bastard Evening Primrose
 Tall herb in old field at edge of
 woods. Fls. yellow.
11965. Lathyrus latifolius L. Legum.
 F (1) Cult. perennial herb. FRs.
 dark brown.
11966. Chamaesyce nutans (Lag.) Small Euphorb.
 F (1) Erect herb in old field.
 det. M. J. Huft 1982.

11967. Toxicodendron radicans Ktze.

F (1) High root-climber 12 m. tall against tree trunk. FRs. white.

11968. Nicandra physalodes (L.) Pers.

F (1) Herb persisting in vegetable garden. Planted ca. 10 years ago. Corolla light blue.

11969. Aralia spinosa L.

F (5) Armed weak treelet 5 m. tall with lvs. all near apex. Pedicels red-purple. FRs. purple-black.

11970. Viola canadensis L.

F (3) Cultivated herb forming dense ground cover. Fls. white.

11971. Solidago latifolia = S. flexicaulis L.

F (4) Cult. perennial herb in wild flower garden in edge of woods.

11972. Cimicifuga racemosa (L.) Nutt.

F (1) Cult. herb in woodland garden. FRs. green. det. PM 1983

11973 Cuphea petiolata (L.) Koehne
F (1) Diminutive herb in old field.
Fls. red violet.

11974. Colchicum?

F (1) Cult. herb. Tepals pink with
white central stripe on adaxial
surface. ~~Stamens~~ Filaments and
styles white.

11975. Colchicum?

F (1) Cult. bulbiferous herb. Tepals
violet with white reticulations,
white basally. Filaments pale
green, anthers maroon.
Styles white.

11976. Colchicum? byzantinum Ker-Gawl.

F (1) Cult. bulbiferous. Tepals pale
pale lavender with ~~red~~ central
white stripe on adaxial surface.
Filaments white. Styles white
with dark purple ~~tip~~ stigmas.

Chicago, Illinois
Sept 27, 1982.

11977. Sarracenia leucophylla

- F (1) Cult. plant? Leaves sold by florist as ornamental cut "flower".

11978.

Commel.

- (1) Trailing cult. herb in shaded garden. Foliage dark purple. Petals pink. Filament hairs white.

11979. Xanthosoma

Arac.

- (5) Cult. herb. Grown from rhizomes in cultivation at Miami, Florida. ~~Origin unknown - located by Alan Townsend in St. Louis.~~

~~was at St. Louis~~

~~from~~

Petioles + main nerves beneath purple black, glaucous. Lvs. dark green above, dull; pale purplish green beneath.

F
CEL
BIT

11980. Xanthosoma Arac.

F
CEL
BH

(5) Cult. herb grown from
commercially sold tubers from
Puerto Rican market.

n. v.

Petioles and major nerves
light green. Lvs. light green.

23 Sept 1982

Univ. of Chicago, Illinois

11981. Burbridgea schizocarpa

F (1) Cult. herb. Fls. yellow.

fotos

11982. Anthurium polyschistum R.E. Schult. & Idrobo

BR (1) Climber. Cult. Spathe pale
green. Spadix dark green.

11983. Anthurium jenmanii (x ?) Arac.

F (1+1) Cult. bird nest anthurium.
Spathe light green. Spadix dark
purple.

Grown from seedlings from
Selby Botanic Gardens.

Garden 831 W. Buckingham

Chicago, Illinois. 27 Sept 82.

- F 11984. Capsicum
(1) Cult. commercial ^{sweet} pepper.
FRS. pendulous, bright red.

22 Oct 82

11985. Basella alba L.

- F MO CEL (4) Cult. Trailing and twining herb with succulent stems & ~~B~~ rubbery leaves. Fl. buds pale green.
"green form" = from seeds of Calvin Sperling.

11986. Capsicum chinense Jacq.

- F NY MO BH IND COL (CORB) WAG CEL INPA (10) Cult. Subshrub. FRS. pendulous, red at maturity.

N.v. "aji yuquitania"

Original seed from the Cubo Indians, Mitú, Dept. Vaupés, Colombia.

11987. Callisia repens L. Commel.

- F US NY MO BH MBM G K RB B COL INPA (12) Cult. trailing-prostrate herb with ascending flowering branches. Fls. pale green. Anthers pale yellow. det. R. B. Faden October 1983

11988. Pachypodium lamerei Drake

- F (1) Cult. succulent grown at Field Museum. Received from George

Wildcr. Flowers creamy white with tinges of pink. Stem without white latex.

11989. Dioscorea alata L.

Dioscor.

F
BH
CEL
NY
INPA
WAG
(6) Cult. herbaceous vine grown from brown tuber 30 cm x 10 cm, purchased in Mexican grocery store at H. Sted & Cornelia Sts. n.v. "Ñame"

11990. Cucurbita moschata (Duch.) Duch. ex Poir.

F
BH
DAV
NY
WAG
IND
CEL
(7) Extensive cultivated herbaceous vine, grown from seeds of Plowman and Schunke 11689 collected at Tocache, Peru, 24 Dec. 1981.

F15. yellow-orange.

Univ. of Chicago green house

11991. Pistia stratiotes L.

Arac.

F (1) Cult. floating herb. Sp. the pale green. "waterlettuce"

11992. Philodendron radiatum Schott Arac.

F
MO
K
(3) Cult. herb, ornamental.

11993. Eichhornia crassipes (Mart.) Solms

(3) n.v. "water hyacinth"

Cult. floating aquatic herb.
Fls. pale purple with yellow
nectar guide.

11994. Kohleria eriantha (Benth.) Honst. Gesner.

F (1) Cult. herb. Corolla red-orange,
spotted dark red at ^{yellow} throat &
lobes. KOHLERIA HYBRID (L. BIKVIST 1988)

11995. Euphorbia

Euph.

F (1) Cult. trailing succulent with white
latex.

11996. Euphorbia milii Desmoulins Euph.

F (1) n.v. "crown of thorns"
Cult. armed shrub with
white latex. Bracts coramine red.

11997. Columnnea schiedeanae Schlechtend. Gesner.

(4) Cult. ornamental herb grown
in hanging basket. Calyx pale red.
Corolla striped dark red and
pale yellow. Lvs. with red
nerves beneath.

F
BH

Tiliac.
~~Melastom.~~

11998. Sparmannia africana L.f.

F
BH
MO
G

(4) Cult. ornamental herb.
Fls - pure white.

Asclep.

11999. Hoya kaysii F. M. Bailey

F
BH

(2) Cult. vine with white latex
and fleshy ^{1/2} leaves. Fls. white.

Zingib.

12000. Costus

F
U
NY
BH
MO
A-JP
G
BR
GIT
P

(10) Cult. herb. grown from rhizomes of Plowman & Schumke 11560 collected at Tocoche, Peru, Dec. 20, 1981, planted Jan. 19, 1982. Bracts light red, recurving at anthers, calyx pale red. Corolla ^{yellow-} orange. Staminate yellow orange, tipped red. Stamen yellow.

(A) → U

Rutac.

12001. x Citrofortunella mitis (Blanco)

(1) J. Ingram & H. E. Moore
F Cult. armed shrub. Fruits spherical, orange.

12002. Dichorisandra thyrsiflora Mikan Commel.

F (1)

Cult. herb. Fls. blue.

12003. Anthurium podophyllum Arac.

F
BH

(2)

Cult. terrestrial herb.

12004. Trevesia palmata (Roxb.) Vis. Araliac.

F (1)

Cult. treelet. Sterile.
nv. "Snowflake plant"

12005. Dioscorea macroura Harms Diosc.

F (1)

Extensive cult. vine. Produces
deep purple, shiny, aerial tubers.

12006. Hoya purpurea-fusca Hook.

F (1)

Cult. vine with white latex and
leathery leaves. Fls. dark purple.

12007. Costus cuspidatus

F (1)

Cult. rhizomatous herb.

Fls. orange with yellow stamen.

12008. Euphorbia

F (1)

Cult. armed succulent shrub
with white latex. Sterile.

12009. Rhipsalis houlettiana Lem. Cactac.
F (2) Cult. pendulous epiphyte. Fls.
BT Creamy white to yellow.

12010. Asclep.
F (1) Cult. succulent terrestrial
herb with white latex.

12011. Rhipsalis
F (1) Pendulous epiphyte. cultivated.
FR. still green.

12012. Epiphyllum oxypetalum (DC.) How, Cactac.
F (1) Erect ^{arching} cult. cactus 1 m. tall.
Fls. white.

12013. Nepenthes hookerana Lindl. Nepenthac.
F (1) Cult. sprawling herb.
fl. buds yellowish.

12014. Davallia
F (2) Cult. fern.
BT

12015. Citrus limon (L.) Burm. f.
F (1) n.v. lemon
Cult. armed shrubs, 0.8 m. tall.
FRs. yellow; flesh ^{very} pale yellow.

12016. Spilanthes oleracea L. Comp.

(5) Cult. herb with prostrate
branches. Heads yellow.
n.v. "jambú" - grown from seeds
collected at Belém, Pará, Brazil.
(Plowman 9922).

12017. Helichrysum bracteatum Comp.

(1) n.v. Strawflowers
Cult. ornamental herb. In-
volucres scarious yellow-orange.

12018. Dahlia pinnata Hort. (D. variabilis Desf.) Comp.

(1) Cult. ornamental herb.
Fls. yellow. det. M. Dillon 1983.

12019. Humulus japonicus Sieb. & Zucc. Comnabac.

(1) Aggressive weedy vine with
irritating foliage.
n.v. Wild hops

12020. Basella alba L.

(2) Cult. fleshy vine sprawling
along ground or climbing.
Stems, petioles and abaxial midrib
red.

12021. Zingiber officinale Roscoe Zingib.
(4) Cult. rhizomatous herb.
F grown from commercial ginger
root purchased in grocery store.
Sterile.

Chicago, Illinois. 24 Aug 1982.

12022, Aglaonema Arac.
(1) n. v. "chinese evergreen"
F Cult. herb with dark green
leaves splotted with pale green
variegations. Spathe light green.
Spathe cream. Ornamental house
plant.

12023. Braufelsia mire Monachino
(2) Cult. erect, mostly unbranched
F shrub with leaves near apex.
Corolla light violet with
white "eye".
Grown from cutting of Plowman
& Davis 5036 collected at Pilco-
patá, Dept Cuzco, Peru, 7 Feb. 1975.

Univ. of Chicago greenhouse.

12024. Eucrosia AURANTIACA (BALLER) PAX

- (3) Bulbiferous herb, cultivated in greenhouse. Tepals lemon yellow. Filaments light green.

label made

SEL

Grown from bulbs of Plowman & Davis 4600 collected in Ecuador, Prov. Azuay; Flowers coll. 20 June 1982, 26 Jul 83
Leaves coll. 11 Aug 1982.

Chicago, Illinois. Oct. 1, 1982.

12025. Ginkgo biloba L.

(1) Cult. tree 8 m. tall at Belmont Harbour ^{Lagoon} across from Perth District Bldg.

Harrisburg, Penna. Oct. 1981.

12026. Castanea

(1) Fruits gathered from Plowman

F 11856.
Fruits only

Chicago, Illinois.
Field Museum. Cultivated
5 Oct. 1982.

12027. Zamia chigua Seemann Zamiac.
(20) det. D. Stevenson

F MEXM Cult. cycad with about 7
FTGT CR leaves. Cones rusty brown.
MO

INPA
NY
COL
PMA
QCA
AAU
Collected by George Wilder
C78-J15-17 near Quibdó, Chocó,
Colombia.

12028 Zamia Zamiac.
(2)

F-2 Cult. cycad with 3-4 leaves.
Sterile.

No. C78-A6-2.

Collected by George Wilder,
in Colombia: Amazonas.
Rio Loretoyacu.

28 Dec 1982

