

RECORD

Prof. Fred A. Barkley
Dept. of Biology 322M
Northeastern University
Boston, Mass. 02115
USA

Tarascan

Cerro Tancitaro

Uruapan	427
Chipatzingon	482
San Juan	515
Chipatzingon	298
San Juan	365
Est. Hidalgo	649
San Juan	758
Jacala	803

Soils

Chichen Itza	1. Monophylla-limestone
San Juan	2. Volcanic
Kabab	3. Granitic-clay
	4. Volcanic
	5. Granitic-clay
	6. Granitic-clay

865 mi Tamayachale

84 mi Texares

342 mi Saltillo

Mex. \$

12	Wooden spoons	8.00.
1	wooden bowl 2 spoons	20.00
1	blouse + apron	18.00
2	Alt	9.00
1	disk	2.00
1/2 lb	Temascaltepec coffee	6.00

rebosa }
 ashtray }
 figure }
 skirt }
 dress }

	77.00
	12.
	<hr/>
12.	140.00
	12
	<hr/>
	20

Chess set \$64.
 Salt + wooden bowls 11.

12 July 1966 Pima Canton
Co., Arizona

Job + Hilmet Abbas al Amir

- 36003 Parkinsonia
- 4 Simmondsia
- 5 ? shrub, fls copper-white
- 6 Mimosa
- 7 Prosopis
- 8 Fouquieria
- 9 Green leafless parasite on leguminous trees.

~~36006~~

14 July 1966 between Santa Ana & Hermosillo 250 m alt.

- 36010 Fouquieria in fruit
- 1 " with papery bark.

Sonora

37 mi S. of Hermosillo

- 36012 Tree 103 m fr. red
- 13 shrub of 1 m fl yellowish green.

Sinaloa

58 mi SE of Culicán

- 36014 Gatropha Tree 2 m fl white
- 15 Euphorb upright leafless shrub
- 16 Viniflowers canopy yellow (Cactaceae)

Pereskia

16 July

July 30 ...
Magatlan Mexico

26017 Tree 4' tall with pink flowers.
16 July moist ... canyon 32 km
east of Magatlan.

Sinaloa

26018 Begonia. flowers white &
young leaves scolded, stems
usually red. No mature
fruit.

16 July with ...
canyon ... Magatlan

> 26019

Begonia fls white stems
purplish red

> 220

Begonia leaves & stems
red: probably tuberosa

> 021

Begonia upright sterile,
tuberosa?

> 022

Begonia leaves purple
above, sterile.

> 023

Begonia. Rhynchospora
60 km east of Magatlan
near falls among rock near
Palmate

Sinaloa > 024

Begonia leaves white below

025

" " red bed

one over 5' tall in
stems

Durango

1 mi. east of Palmito

16 July

- { 36026 Begonia tuberos leaves red
- { 36027 miniature Begonia
- 7 Tuberos - pubescent above & below on leaves

17 July 1966

In canyon 20 mi S of Durango

- 36028 Mint coral-salmon in color
- 36029 Lily white flowers
- 36030 Dichondra

Zapalito

~~24~~ 34 miles N of Guadalupe at rim of moist canyon

- 36031 Begonia Stems & lower surfaces of leaves pilose

18 July

75 mi S of Guadalupe

~~36032~~ in moist canyon

- 36032 Moraceae
- 33 Cuphea?

~~Zapalito~~

(miles)
27132

15 July

19 mi SW Zapolitec on
moist mountain side

36034

Begonia fls white tuberos.
leaves pilose above + below

~~36035~~

21 miles NE of Tamazunchale

in shade humid pine forest

36035

B. gracilis

7

36 *Begonia* flowers pink, leaves
white below.

23 mi NE of Tamazunchale

in shady pine forest, clay soil

36037

leaves red below

38

leaves rotund Umbellifer.

19 July

10 mi to Tamazunchale in

open valley with *B. gracilis*

36039

Piper

36040

22 mi E Zaira in
deep leaf mold of Canyon.

36041

Leaves deep red below, mottled
silver + red above. Rare
Tuber very elongate & tender.

3 miles south
of Carapan

20 Jul 66

36042 red stem red
undersides - no
spotting - dark green
w/ deep red along veins

36045

B gracilis -

36043 white spots upper surface
small pointed leaf

36044 - white underside
of leaf Pink flowers

5 miles south of Carapanacho
in volcanic soil

36046

Begonia gracilis

5 mi

36047 Fern

36048 Fern

11 miles south ^{open} Pine oak - Carapan

36049 B gracilis ?

36050 Polypodium

36051 mint (1 m tall)

36052 Heliotropium?

36053

36054 fern

36055 fern

36056 herb w/ white
F. covers

Michoacan

over

20 July
36057

Prunella

36058 Hydrophyllum

In deep narrow dirt-walled
canyon in deep shade 12 mi S of Coropon

36059 (B. sp. same as 36049)

~~60 flowers scarlet-orange~~

M. schroterian

Open Oak-Pine woodland

12 mi S of Coropon

36060 Cuphea? flowers scarlet orange

61 Lupinus

- sandy cliff Pine oak

17 mi S of Coropon
36062 Utricularia?

15 mi S of Coropon
cliff

36063
leaf (see vein) white, scales
on leaf base serrate margins

open sunny upland

36064 Specularia

Deep steep bank - sandy canyon

36065 B. gracilis flowers

20 July 1966

17 mi. S. of Carapan, ~~open up~~

36066 open woodland, Aquilegia.

36087 Epiphytic fern

36088 Epiphytic fern.

21 July 1966

Side of volcanic mountain

2 km N of Urupapan, Pin forest area

36079 Peziza Helvella - Morchella
"like".

36080 Scyrrinchium with yellow
flowers.

81 Fuchsia fls red. shrub
2 m tall.

82 Epiphytic fern.

12 miles NW of Urupapan

36083 Begonia white w.
volcanic ash (am).

36084 B. gracilis
stone wall - 2 mi W of Urupapan

Mechowan



22 Jul 66

3 mi west of Umapia
in Pine Forest canyon

36085 *B. gracilis* w/
silose leaves

7

Machicao

36088 fern

36089 fern

36090 *B. gracilis* (flower)

6 mi south of Umapia
in red volcanic soil

36091 mallow ?

36092 *Valeriana* ?

36093 *Cuphea* ?

36094 *Eryngium*

22 Jul 66

8 miles south of Uruca-
canyon

36095 Fern

36096 Bromeliad

17 miles south of Uruca-
canyon

36097 *Martynia*

Face of cliff in deep river canyon

6 mi north of Nupe ^{Stalis} ^{San Mateo} ^{Marguee}

36098 *B. monophylla*?

Brown area by river 4 mi
east of Apatzingan

23 July 1966

36099

36100 flowers white

shaded canyon by lake
19 mi NE of Cuatro Cameros

36101 flowers white

shady ^{steep} moist ^{side} in rich
sandy soil 35 miles northeast of
Cuatro Cameros

36102 *Begonia*

Mucron

23 Jul 66

10000

7 mi NE of Cuatro
Caminos

36103 ~~Begonia~~

39 mi NW of Guadalupe

36104 Calochortis

36105 fern

36106 Lily

Deep clay canyon in
pine woods on mountain top

36107 leaves white
downy below flowers
white on the outside

12 mi south of Patzcuaro
Fine soil good drainage

36108 ~~Dioscorea~~

36109 fern

24 July Small canyons in hills
across lake from Patzcuaro

36110 Widespread but not abundant

36111 " " " "

Michoacan

25 July

12 mi east of Moralia in
clay & shale

36112 Begonia

3 fern

4 fern.

Canon de la Caída del Saito

20 km east of Moralia

36113 Bignoniaceae

52 mi E of Moralia on
mountain side

36116 - fern

28 July 1966

~~36117~~ Riverbank well below
highway 12 mi S of

Charavaca, Moralia

36117 Commelia fls blue.

36118 Apocynaceae fls yellow
shrub to 1 m.

36119 tree of 3 m with white
flowers.

36120 Shrub of 2 m with green
fruit & red seed

36121 Polygonum? fls blue

Mexico

28501

14 miles N of Taxco
on limestone cliff
just east of Huajintlan

36122 *B. monophila*

3 mi north of Cuernavaca-
Taxco road on road to
Ixtapan

36123 *Ruellia*

36124 *Aristolochia*

Limestone cliffs 4 1/2 mi
west of Cuernavaca-
Taxco road on Ixtapan
road - Palm mixed forest

36125

Limestone outcrop
near spring 2 mi south
of Taluca cut-off on Cuernavaca-
Taxco road

36126 *B. monophila*

28 Jul

July 24 - 1951

24
1951

1 mile west of Taxco 2 mi N Taxco
36129 - Tubers long
& slender

1 mile S. of Taxco along
wall of shallow canyon
in shale

36130 *Trigonotis*

36131 Shrub of 2 m corolla
lavender & calyx red,

5 mi S. of Taxco mountain
at edge of woods

36132 Shrub 2 m tall with
white flowers.

25 miles N. of Chilpancingo
on limestone cliff

36133 *B. monophylla*

29 Jul 66
20 mi S of Chilpancingo
in narrow canyon of hills

36134 B.

36135 Fern

36136 Coccolobus?

L. L. L.

23 mi S of Chilpancingo
on rocky hillside

36137 fls white

36138

Begonia

36139

" unifoliata

tetralobata
no specimen

22 miles N of Acapulco

36140 Fern in rocks

36141 Beg. fls yellowish

white; in rocks on

dry soil. (The same

also found on limestone

cliff)

shaded cañon in cliff
55 mi N of Acapulco

36142

growing on limestone rocks in river
40 mi N of Acapulco

36143

Thick shrubby 55 mi N of
Acapulco:

36144 cactus vine.

30 July 1961

18 mi N of Chilpancingo
on limestone cliff

36145 *Sida acuta*

36146

25 mi north of Chilpancingo
B. monophylla on ^{lime} stone
cliff.

Mexico

State of Mexico
Tlaxcala

30 Jul 66

7 mi. S of Toluca ^{state} in ^{hills} ^{near} ^{road}

- 36148 Begonia
- 36149 ~~Bomeliad~~ w orange red bracts

31 July 66

subalpine ^{pink forest} - 12 mi SW of Toluca

- 36150 Boraginaceae
- 36151 Pentstemon
- 36152 Mint
- 36153 Geranium
- 36154 ?
- 36155 Creosote with deep purple flowers.
- 36156

Stop ...
...
... NE of ...

31 Jul 66

Canyon 1 1/2 mi NE of Temascaltepec

36157

broodleaf ^{part} in moist deep canyon in
1/2 mile west of Carboneras

36158 *Bomarea* fls pink

36159 Shrub of 1/2 m fls yellow

36160 *Acacia*

36161 Fls Blue (*Hybanthus*)?

36162 *Begonia*

³⁶¹⁶⁴ In bare area near spring

1 mile west of Carboneras

36163 *Lycopodium*

Mexico

~~36164~~

36165

-
- 1 Aug 66
1 mi west of Ajupilco
36166 on mossy cliff wall
Begonia (tuberous)
36167 *Begonia* (tuberous)
36168 "
36169 "

1 Aug 66

12 mi east of Tijuquileo

36170 glabrous

36171 Pubescent

36175 Equisetum

16 mi east of Tijuquileo

36172 Begonia - mostly
epiphytic w orchids
ferns & piper on
at 2 m of tree
trunks

~~36176~~

18 mi east of Tijuquileo

36173 cecarath

(see above) 36174 iris?

36176 Piper (epiphyte)

$\frac{1}{2}$ mile west of Temascaltepec

36177 Cocalyphe

36178 grass in fruit

out of
order
by error

M. ...

2 August 1966

In dense mixed broadleaf forest in the mountain above Temascaltepec epiphytic on rocks & tree trunks

36179

36180

36181 orchid

4 August 1966

15 miles north of Huajuapam de Leon in limestone outcrop

36182 Actinochaeta

36183 "

36184 Fascicled roots, fls. orange.

5 August 1966

12 mi. E of Huajuapam de Leon

36185

36186 Aristolochia

14 mi. SE Huajuapam de Leon on limestone cliff walls.

36187 shrub with pink flowers

36188 on trees

5 August

Oaxaca

36189 Draped down on cliff

E

limestone soil, sparse oak woodland

36190 white

36191 white flowers

36192

Pentstemon

arrays → 36197 tree 2m fr black.
In Oak forest on mt 30mi
north of Oaxaca.

36195 B. with red undersides
to leaves

36196 Commelin

36198 Fern

In gravel, Monte Alban.

36199 Tree of 3 meters with
white fruit.

6 August

Oaxaca

36200 *B. rhynchos*
(cutting tool - leaf press)

46 mi S of Oaxaca in
narrow canyon

36201

Amorpha ...
salicoides ...

7 August

34 miles NE of
Tejuantepec, lush *Jatropha*
scrubland.

36203 Tree of 4 m with
white flowers & red fruit.

36204

36205 *Zygodium*.

Bank of River

64 mi N of Tejuantepec.

36206 Grass

7 Grass

8 Vine-like shrub, fls pink

9 Water hyacinth

10 Bird of Paradise

Handwritten notes on the left margin, possibly "Handwritten" or similar.

Tabasco

Aug

3 mi east of Coatzacoacoas
in coastal zone

36211 Grass

36212 Grass

36213 "

11 Aug 1966

Dense scrub 30 mi. Merida

36214

5

12 August 1966

In shallow areas on inland
side of island Atasco Campesino.

36216

Black of island Atasco
Campesino

36217 Vire yellow flowers

218 shrub

30 mi E of ~~Coatzacoacoas~~
Minatitlan

36219 Circaeae? Plant

36220 Circaeae w/
white spathe

white spathe

Campesino

17 Aug

Vina Cruz

36221 Vine stems 2-4 in diam -
2 focus - vine

8 1/2 mi SE of ~~Vina Cruz~~ ^{Catamaco, Ver} ~~Veracruz, VC~~

~~Cruz, Ver~~

~~36222 B. Malvaefolia~~

~~36224 - 15, 20, 25, 30, 35, 40, 45, 50, 55, 60, 65, 70, 75, 80, 85, 90, 95, 100~~

→ 36226 B. maple leaf
~~on hillside of Catamaco~~

~~on road to Comajon~~

→ 36227 Silaginella
2 mi NW of Catamaco, VC

at hillside near Higueron

plant on hillside

36228 B. rhizonat

(19 August)

rather dry hillside

15 miles north of Catamaco,

Vina Cruz.

36228 B. rhizonat

15 mi SE of Cordoba on
dry hillside

36229 rhizonat

12 August 1966
1 mile west of Cordoba on gravel
36230

13 Aug 66
44 mi NW of Vera Cruz by River
limestone over conglomerate
36231 I. ...
in wet canyon ...

36232 vine

36233 Tree of 1 m
fruit red

36234 flowers ...
fruit green ...
tree of 2 m

36235 fern of 1 m
rhizomatous

36236 fern ...
thick ...

13 Aug

12 mi NW of Jacala
on volcanic ash

36237 *B. gracilis*

36238 *B. gracilis*

14 August 1966
Lago de Xacamilco

36239 *Wolffia*

18 August 1966 hardly
north limestone canyon
31 mi N of Yucapa ~~at~~ Huelga

36240 *B. gracilis*

19 August 1966
limestone cliff 18 mi north of Jacala

36241 fern
36242 beyond

19 Aug 66

18 mi N of Jacala

36243 B manicata

35 mi N of Jacala

36244 B

36 mi N of Jacala

36245 B

Limestone cliff 43 miles north of Jacala.

36246 B, francensis?

29 mi N of Jacala

~~36247 B~~

~~36248 B francensis?~~

~~50 mi N of Jacala~~

~~36249 B melanocephala~~

Widely

San Luis Potosi

19 Aug 66
5 mi. South of Camaguey
limestone shale
ery

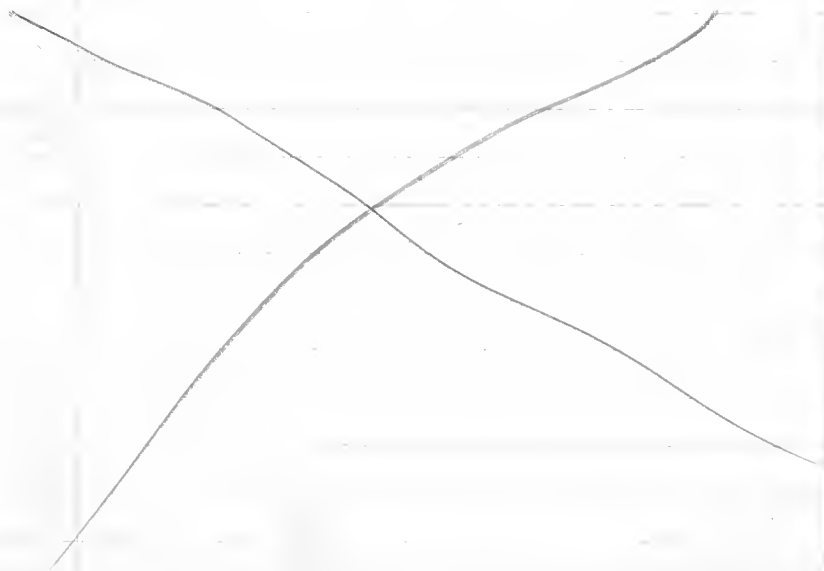
36249 *Begonia*

20 Aug

12 mi. W of ~~Camaguey~~
on mossy wet cliff wall
limestone etc

36250 *B. francisii*

36251 mostly vine w/
yellow flowers *ph. fr.*



26 August 1951

20 mi west of Tanager

on road to red soil

37001 single root

37003 purple flower

37004 purple flower

37005

37006

37007

37008

37009

37010

37011

37012

26 Aug 68

sand

37011

spring - seed

water

37012

fruit at water about 1/2 way

sand

37013

white flowers

29 mi

w of Teaneck
in wet ditch

37014

purple flowers
at the perimeter
rosette

5 mi
sub

L of the road

37015

grass 1 m high

37016

purple flowers

37017

grass

37018

white flowers

branches joined at base
grows in
top roots w/

16 mi

e of the road

37019

yellow flowers

37020

white flowers

37021

yellow flowers
low vegetation
near pavement

10 mi

roadside

37022

weed

26 Aug

29 mi E of Norman

36323 grass

37024 grass

27 Aug

7 mi NW of

Norman

37025 *Stachys*

37026 *Stachys*

37027 *Stachys*

37028 *Stachys*

Stachys
sp. nov.

37029

Stachys
sp. nov.

27-Aug

37033 *... ..*
... ..

11 mi NW of ...

37031 *... ..*

5 mi S of ...

37032 *vine ...*

37033 *weed ...*

37034 *grass - ...*

37035 *... ..*

37036 *... ..*

37037 *... ..*



DBA 44

5 mi N of Mohave
on roadside

37038

8 mi N of Ashley on
road

37039

37040

37041 - scattered
No base

37042

37043 weed

37044 - lateral outcrop
of cork on stems

37045 Logwood

37046 grass. flattened
seed pods

44

28 Aug

12 mi NE of Asher Massol bridge

37047 - *Cassia* like
3m high flowers white

37048 - *Podalyria* ?
1.5m high

37049 - *Cassia* like
1.5m high

37050 - *Cassia* like
1.5m high

7 mi SE of Asher on
dirt RD Pottotoc Co.

37051 - Tree (Pinnate)
5 m high

37052 - shrub 5m high
white berries

37053 - Pods wood-smell
1.5m high

7 mi N of Asher on dirt rd

37054 - vine - white flower

37055 - vine - fruit
green

28 Aug

3 mi SE of Ashe on
Dirt road

37056 - fern

~~37057~~

37058 Tree 7' tall
fruit long bean-like

3 mi SE of Ashe
on dirt road

37059 vine - very
like *Asplenium*

29 Aug

37051 ...
37052 ...
37053 ...

37054 ...
37055 ...
37056 ...

37057 ...
37058 ...
37059 ...
37060 ...

37061 ...

37062 ...

37063 ...

37064 ...

37065 ...

37066 ...

37067 ...

37068 ...



3746⁴ - Nohat 7 Nov.

L
L
L
L

13 September 1970
Nashua^{NH} woodland

- 40US000 ~~Nashua~~ ~~Betula populifolia~~ Marsh
woodland tree 13m
40US001 Myrica $\frac{1}{2}$ meter
40US002 hemlock 8 meters
40US003 Quercus, 7 meters
40US004 Populus 2 "
40US005 Solidago
40US006 "
40US007 "
40US008 Rays ^{rubella?} yellow
40US009 Artemisia
40US010 Chenopodium
40US011 Acer negundo

Concord NH

- 40US012 ~~Fragaria~~
40US013 Moutain ash
014, Tree of 3m
015 Choke cherry
016 Bittersweet
017 Jamarack
018 Crataegus
019 Chokecherry
020 Sambucus

40 US063

13 Sept.

- 40 US021 Cotinus
- 40 US022 Lily, Liliaceae
- 40 US023 Rhus glabra
- 40 US024 Chokeberry
- 40 US025 Aster, fl. white
- 40 US026 Cornus, fr. blue
- 40 US027 Cornus, fr. blue
- 40 US028 Solidago
- 40 US029 Populus tremuloides ?

30

Japanese quince

1

Alnus

2

Cornus

near pond
Open Area, Bow, N.C.

3

Aster

4

"

5

"

6

Hedera

7

Plantago

8

Cephalanthus

9

Verbena

40

Heteranthera? fl. blue

41

fl. reddish

Forest
~~Woodland~~, Canterbury, N.H.

- 4005042
2 Apple
3 Crab apple
4 Maple
5 Smilacina ^{Rock} Barrens -
6 Urtica
7 Arisaema
8 Maple
9 Polygonatum berries blue
50 Castanea
1 Vernonia
2 ~~Arisaema~~ Aralia
3 Lactuca
4 "
5 Beech
6 Maple

- Bog
7 Flowers white
8 Sweet Oak
9 Choke cherry tree of 3m
60 Symphoricarpos fr. red
61 Actaea fr. white
2 Comp. with yellow fls.

63
64 Asplen.
65 Blechnum
66 Mit.
67 Mirt.

40 VS 068 Concord, N.H.
Petunia

1

4

2

Fey Bot

John F. Reinhard

28 September 1970

Forest at East Barrington, N.H.

40 US 069 Eulachia
berria red

40 US 070 Araceae

40 US 071 Tullwin

40 US 072 Lily with
green capsule.

40 US 073 Actaea alba

40 US 074 Sambucus

40 US 075 Solidago

40 US 076 Mitchellia?

7 Asterioy fls white

8 Botrydium

9 "Sticktight"

40 US 080 Upright herb with white
fls. Stems & stemside
small "

81 Ray lavender ^{Aster} pubescent stem

82 ^{Aster}

peduncles 3 Ligulate yellow

4 "Sticktight"

5 Growing in shallow water

6 Sedge

7 Sedge

8 Solidago

9 Aster

40 US 090 "

40 US 091 Comp rays yellow

2 fls white

Forst 28 Sept.

East Bourington N.H.

40 US 092 *Aster flexuosus*

93 — ?

94 *Hypericum?*

5 white color

96 *Polygonum*
barbatum

97 *Oenothera*

98 *Ambrosia*

99 *Euraea*

40 US 100 *Potentilla*

40 US 101 *Hecoria*

40 05 102 Olga

29 Sept.

4010205 Acer

3

Amur

4010405 Acer

4010505

17 Oct 70.

Woburn, - Greenhouse

40106 US Begonia conopsea
fls pink —

40107 US Pelargonium zonale?
fls red.

40 US 108 —————

40 US 109 —————

Vuchocan



11-15
S Mexico

21 July 1966

Side of Volcanic canyon
in Pine woodland. 8 Km N of Uruapan

- 1. Epiphytic moss
- 2. Liverwort - perisperm gametophores
- 3. leafy liverwort
- 4. epiphytic moss

12 miles NW of Uruapan
on volcanic rock

- 5 liverwort on rock
- 6 " "
- 7 " w/ selaginella in it

22 Jul 66

2 mi W of Uruapan
Volcanic area on
tree stumps

- 8 liverwort w/ fruit
- 9 6 mi South of Uruapan

25 July 66

- 10 Liverwort SF Morsalia

31 Jul 66

11
29/7
Kern

31 Jul 66
mex 1 mile west of Carboneras
state of Mex
on bare soil
(13)

1 Aug 66
mex (14)
on bare rock 6 mi
east of Tajupilco Mex

2 Aug

mex (15)
narrow canyon
with large trees
on rock - liverwort

5 Aug
Oaxaca (16)
16 mi SW of Huajuapam
in a rocky
desert

6 Aug
Oaxaca (17)
43 mi SE of Oaxaca
liverwort

vera
cruz
18
vera
cruz
19

13 Ave
12 mi N of Jalapa
wet canyon trail
liverwort

liverwort

19 AUG 66

12 mi N of Jalapa
wet canyon trail

20 leafy liverwort
Hildago



6
1

MINIATURE
PERSONAL ACCOUNT BOOKS
for home and office



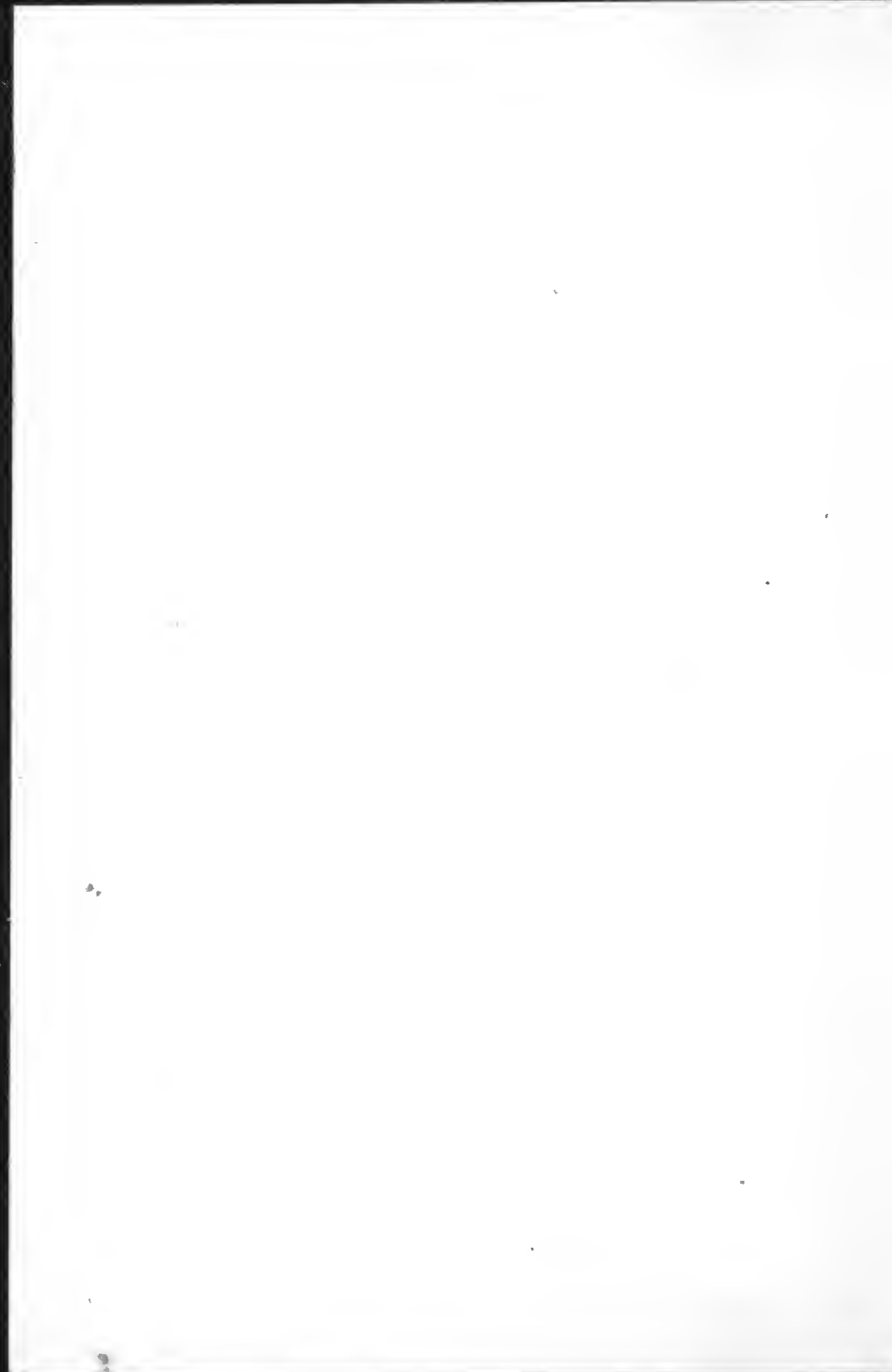
NO. 2044 OPEN STOCK
in following rulings
JOURNAL • CASH • S. E. LEDGER
RECORD • D. E. LEDGER



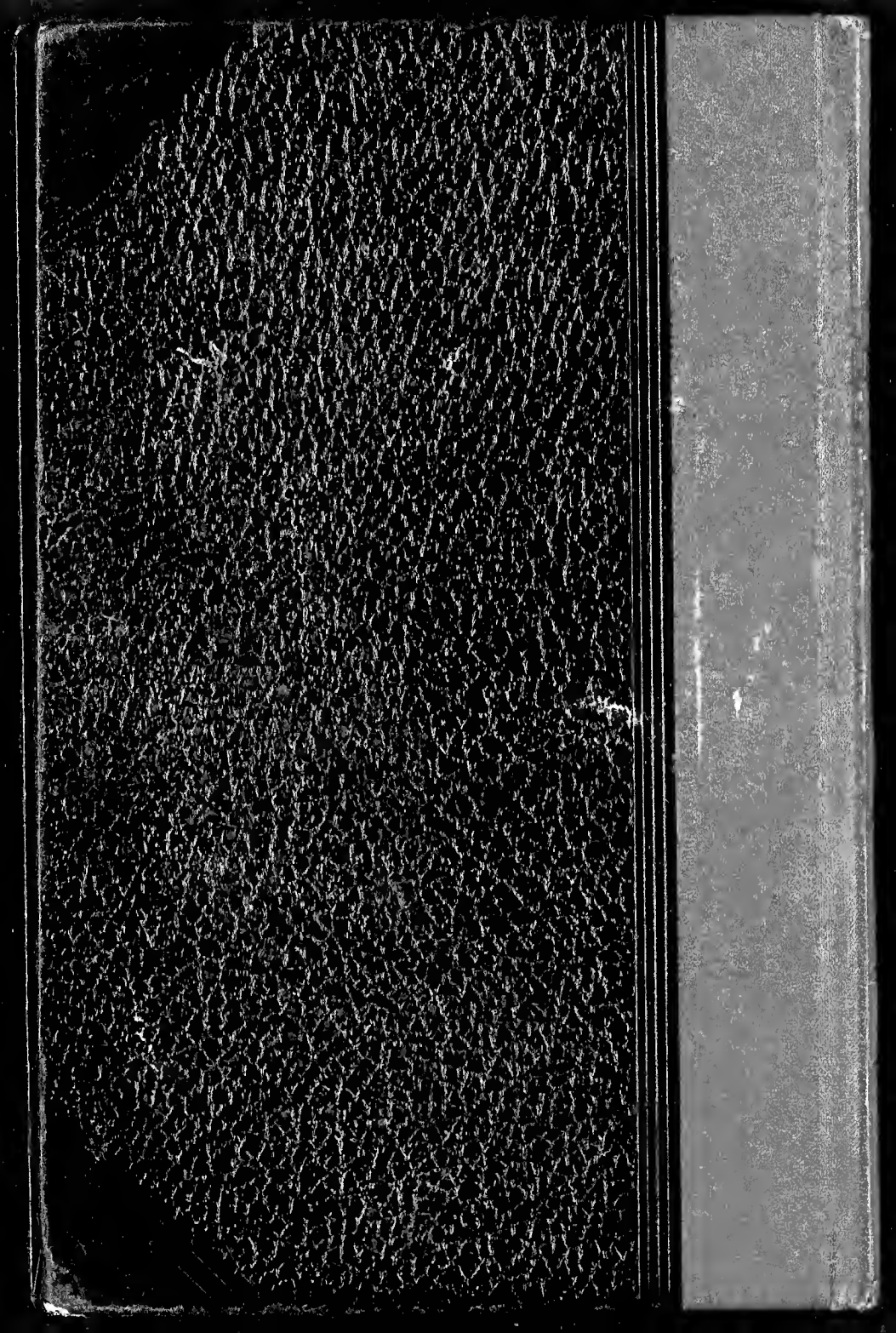
NO. 2044-A ASSORTMENT
consisting of
3-JOURNAL 3-CASH 2-S. E. LEDGER
2-RECORD 2-D. E. LEDGER



Made in U.S.A.







RECORD

VERNON
VR
ROYAL

Fred C. Buckley

HERBARIUM

PERSONAL
ACCOUNT BOOKS

No. 2044

Available Rulings

JOURNAL

CASH

S. E. LEDGER

RECORD

D. E. LEDGER

144 PAGES

U. S. A.

Fred C. Barkley

HERBARIUM

4

4

4

Forest on mountainside, Peru, Atlantida, Honduras
1 May 1970 Fob, M.H.M., J.H.R.

- 40220 Shrub of 1 meter with orange flowers
2 Prostrate herb with orange fruit.
3 Tree of 5 meters with orange fruit
4 Shrub of 1 " " white flowers
5 " " 1 " spikes greenish white
6 Vine with white flowers, seed red & black.
7 " " red flowers.
8 Tree of 8m with flowers lilac-pink
Papilionaceae
9 Cyperaceae
40230 Shrub of 1 meter with yellow spikes Piper
1 " " 1 " " " " "
2 " " 2 " " red bracts
3 shrub with lavender flowers. Asteraceae
4 Grass
5 Shrub of 2 meters with yellow flowers. "
6 Tree of 4 " " white " fruit
7 Tree of 4 " " white flowers.
8 Herb with blue flowers. Asteraceae
9 fls white Solanaceae
40240 Spikes white Potamogeton
1 Herb of 1 m. fls. greenish-white, fruit orange
2 " " 2 " " white
3 " " 1/2 " " "
4 " " 2 " " white

Forest on mountainside, Peru, Atlantic,
Honduras
1 May 1970

40245

6

Shrub of $\frac{1}{2}$ meter with flowers pink

7

Cyperaceae

Adiantum

8

Fern

9

Herb with white flowers.

40250

1

Cyperaceae

2

Selaginella

Climbing Fern.

Forested valley near So. Francisco,
Atlántida, Honduras.

2 n ago 1970

- 40253 Herb of 3 m with white flowers.
- 4 Shrub of 3 m with white flowers & fruit
- 5 Shrub of 2 m with white flowers & black fruit
- 6 Vine with white flowers & immature fruit
- 7 Vine " " " Vitaceae
- 8 Shrub of 3 m fls. pink Melastom
- 9 Vine with pink flowers Papilionaceae
- 40260 Shrub of 3 meters with upright
scarlet flowers Malvaceae
- 1 Vine with yellowish green flowers
- 2 Sprawling shrubby herb
with pale violet flowers
Solanaceae
- 3 Shrub of 1 meter with fruit white
- 4 Tree of 3 " " red flowers & fruit
- 5 " " 3 " " " " " "
- 6 Herb of 1 m, flowers white
fruit orange Solanaceae

Open grassland Santa Rosa de Copán,
Copán, Honduras
8 May 1970

40267 Hierba con flores violetas.

open woodlands, at valley of
Minas de Copon,
Copon, Maduran
& Mayo 1970

40268 Shrub ^{tree} with white
flowers

40269 Tree of 6m fls. yellow

40270 Ruellia herb with
blue flowers

40271 Upright herb with
flowers yellow & red.

40272 Herb with orange-
yellow flowers.

40273 orchid epiphyte
flowers pale & lip
of first white later yellow.

40274 Herb with red fruits

✓ 40275 Epiphyte with white
spadix. narrow

40276 Epiphyte with green spadix

Jab + JHR

40277 Herb with lilac flowers.

40278 Epiphyte with red
fruit. ~~to~~ Braccae.

40279 Tree of 6 m fls
white.

40280 Vine with white
flowers.
Jab + MHM

40281 Herb. ~~ca~~ with white
flowers

40282 Shrublike herb of 1 m
with white flowers &
orange fruit.

40283 Vine with green fruit

40284 Vine with green fruit

40285 Sprawling shrub of 2
m. fruit cream.

40286

River valley below Copán
Antigua

9 May 1970

Fred A. Barkley + Luis Armando Kelz

40287

8 flowers yellow vine

40290

9 res. pink
Herb. yellow

1

Herb. pink

2

Herb. blue herb Commelinia

3

Sp. Herb - Anacardiaceae

4

Tree 7-8 m fls red

5

Herb with white flowers

6

woody vine

7

Parasite on large tree

8

fruit yellow

8

Flowers white Brassicaceae

9

Herb. fls white

40300

1

Herb fls white

2

fern

3

Epiphyte

40304

Orchid fls orchid colored

in huge at rest in high tree

Open forest near Quimistan,
Honduras

9 May 1970

Mauro Hernández & Freda Sackley

40305 herb of 2 - with violet
flowers.

Rich soil of irrigation ditch,
Cofradia, DC, Honduras

16 May 1970
Bob + Elizabeth

40306 Polygonum
fls deep pink

~~Halfway up on road up to Rancho
Guerrada, in montane forest,
DC, Honduras~~

17 May 1970 TABA Alejandro Ure. 7
40307 ~~Herb~~ flowers red

40308 flowers yellow
tree of 3 m.

40309 fls greenish yellow
vine herb.

40310 Begonia fls white
upright rhizomatous to
6 ft

40311 Begonia fls white
upright to 3 ft.

7
40312

Tree of 4 m
brots green bay-colored

40313 vine fruit + lf green.

Cloud forest at
Rancho Guerrero
above El Estero,
DC Nordan

ra. zuri
Fern & Alex Erozuriz

17 May 1970

4031~~5~~ Tree of 2 m fls fruit white

4031~~3~~4 Tree of 2 m fls white
fruit black.

40316 epiphyte

40317

terrestrial fern

40318 shrub of 1 m fls pink

40319 shrub of 1 m fls white fruit blue

40320 Begonia upright to 4 ft -
fls white

Forest
~~Atas~~ Balneario Ponoro
near La Esperanza, Jubbos

22 May 1970
Zab
Elis Barlas
Marg Nubel
Julia Heron

40321 Herb, flowers blue

40322 Vine ^{maroon} spotted green flowers

40323 Shrub 1 m. white flowers

324 Vine, yellow flowers
Papa's flora.

325 Orchid yellow flower (brown)

326 Herb, 1 m., red flowers

327 Herb, yellow & brown flow.

328 Herb, white flowers.

329 Herb, white flowers

40330 Herb, white flowers

Garden in La Esperanza

Herb of 3 m with

red flowers

40331 Begonia

Inhubea
Rain forest in mountain
east of La Esperanza

7000 ft.,
22 May 1970

~~Days~~

- 40332 Tree 3 m., pink flowers
333 Shrub, 2 m., orange flowers
334 Vine, green flowers, ~~green fruit~~
335 Herb, white flowers.
336
337 Plantago
338 Shrub 1/2 m
339 Lycopodium
40340 Fern
341 Grass
342 Sub shrub, 1 m., flowers blue
343 Fern
344 Sprawling shrub.
345 Tree, 3 m.
346 Tree, 2 m., green fruit
347 Tree, 2 m., green fruit
348 Tree, 3 m., green fruit
40349 Herb, blue flowers

- 40350 Tree, 4 m., red flowers
 351 Vine, green flowers, green fruit
 352 *Lacopodium*
 353 Shrub, 1/2 m., white fruit
 354 Tree, 3 m.
 355 Fern
 357 Herb, green fruit
 358 Tree, 3 m.
 356 Shrub, orange fruit
 359 Shrub, 2 m.
 40360 Shrub, 2 m., orange flow.
 361 Shrub, 1 m.
 362 Viney tree, red flowers, green fruit
 363 *Piper*
 364 Shrub, 1 m., fruit black
 365 Orchid, brownish flower
 366 Herb, lavender flowers
 367 Herb, lavender flowers
 368 Herb, lavender flowers
 369 Herb, yellow flowers
 40370 Herb, purple flowers
 371 Herb, white flowers
 372 Tree, 2 m., white flowers
 373 Epiphyte, white flowers,
 except lip yellow.

40370 Ground. fls whitish buds green
fls blue buds red.

40371 Tree, 4 m, "white flowers

375 Tree, 4 m, pink flowers

376 Tree, 3 m, white flowers

377 Herb, flowers purple

378 Herb, yellow flowers

379 Tree, 5 m, white flowers

40380 Herb, purple flowers

381 Herb, 1/2 m white flowers

Open woodland in
Mountain canyon ~~open~~
~~woodland~~ 9 ~~miles~~ ^{km} from

La Esperanza on road to
Marcala, Interoceano,

23 May 1970

40382 Shrub with yellow
flowers

83 Shrub of 1/2 m with red
flowers

84 Tree of 5 m fls same

85 Herb of 1/2 m with ♀ fls green
or red.

86 herb or fls

87 Tree of 1/2 m fls white

88 Tree of 5 m with black fruit

89 Herb with white flowers

90 herb with green fls

40391 shrub of $\frac{1}{2}$ foot, fls white
fruit black

92 Woody vine with
yellow flowers

93 Tree of 3 m fr green

94 shrub of 1 m fls white

Open woodland on dry mountainside
19 km from Esperanza on road to
Marcala, Interoceano
2 1/2 May 1978

40395 shrub of $\frac{1}{2}$ m fls pink
fruit black

40396 *Lycopodium*

Oak Pine forest on road to

~~Yama~~

Yama-Anguila.

from La Esperanza, Intibuca,
Honduras 23 May 1970

40397 Tree of 7

40398 Upright herb with white
flowers.

40399 ~~Herb~~ Shrub of 1 m with
pink flowers

40400 Tree of 4 m fls white,
fruit red.

40401 Upright herb with
yellowish-green flowers

40402 Orchid perianth mottled
brown spots on yellow, lip
yellow.

40403 Herb with white flowers

Oak tree forest on road to
Yanarantguila, from to
Esperanza, Iturbida, Hds
23 May 1970

40404 Shrub with long tubular
white flowers.

Open scrubland along
Río Otono.

9

24 May 1970

- 40410 Shrub, 1 m., flowers white
11 Shrub, 1 m., flowers white
12 *Selaginella*
13 Tree, 6 m., flowers white
juice milky - Frangipani
14 Shrub, 1 m., flowers lavender
15 Shrub, 2 m., fruit yellow
16 Herb, blue flowers
17 Terrestrial bromeliad

Open forest at

↳ Los Alpea (Rio San Marcos,
Interoceanic)

24 May 1970

- 40418 Herb. pinkish flowers.
19 Epiphyte, perianth greenish-
yellow, lip blackish-lavender
above, yellowish below.

40420 Epiphyte

21 Epiphyte

Mountains above Siguatepeque,
~~Comayagua~~ Honduras

24 May 1970

40422 Terrestrial orchid
~~with Comayagua~~
with orange flowers.

Swampy woodland near
the Spanish Castle at Onmoor,
Cortez, Honduras

29 May 1970

- 40423 Herb with pink heads
1 Small tree with flowers + fruit
white
5 Grass 2 m tall
6 Tree of 4m fls blue fruit black
7
8 Tree of 4m fls white
9 Herb with pale blue flowers
40430 " " green fruit
1 " " white flowers
2 Tree of 4 meters fruit grey
3 Tree of 2m spikes yellow
4 Shrub of 1/2 m with blue fls + frs
5 herb with orange bracts +
yellow perianth
6 Herb of 1/2 m with green infl.
verticillate
7 Herb of 1/2 m fls yellow
8 which is epiphytic
9 grass
40440 prostrate herb with yellow heads
1 " " fls white
2 upright herb fls orange + yellow

40443 Water plant with
blue flowers.

4 Tree of 3 m fls white

5 Herb of 2 m bracts red.

6 algae

7 moss

8 Herb with yellow flowers.

9 Herb with white flowers

40450 Herb with yellow fls

1 Herb with lavender
flowers.

2

3

4 Herb fls white.

5

6

7

40460 grass

1 Paspalum

2 fls white

3 var. yellow fls rayed

4 Herb fls white

5 Upright herb fls white

6 Phytolacca

40468 Herb with white fls
green
40470 Tree of 4m fr green

Open sandy beach at
Travassia, Cortez,
Honduras
30 May 1970

- 40 471 Sprawling herb
with lilac ~~flowers~~ flowers
- 2 Tree of 4m fls
white "aldrada"
 - 3 Portulaca
Succulent herb with
pink flowers
 - 4
 - 5 fls almost white
 - 6 heads greenish
 - 7 fls light lilac

- 40478 herb with yellow fls.
 9 shrub of 1 on fls lilac
- 40480 herb with lilac fls.
 1 herb of 2 on fls lilac
 2
 3
 4 shrub of 1 on fls white
 5 herb fls yellow
 6 Spring shrub of 2, fls pink
 7 herb fls white
 8 fleshy herb with white fls
 9 prostrate herb with
 red leaves.
- 40490 upright herb with white
 fls, leaves?
 1 herb fls blue
 2 " fls light blue
 3 prostrate herb fls yellow
 4 shrub fls white (green)
 5 ~~prostrate~~ fls white
 6 prostrate herb with
 white flowers

40497 upright herb / m fls ^{white}
98 herb fls white / ~~green~~
99 " " "

40500 fls orange, except tip of
lip ~~lower~~ dilute

40501 shrub with silvery leaves

40502 (old)

Open woodland on mountain-
side at San Marcos de Colón,
Choluteca, Honduras

6 June 1970

Robt + Pedro Antonio Ramirez Boyas

40503 Helecho.

40504 Arbusto de 1 metro con
flores blancas

40505 Arbol de 4 metros con
flores amarillas al principio y despues
amarillizadas.

40506 Arbolito espinoso de 2 metros
con flores blancas

40507 Arbusto de 2 metros monoico.

40508 Arbol de 6 metros con flores
Crema.

40509 Bejuco con flores y
frutos verdes.

40510 Arbolito de 3 metros
con flores escarlata

40511 Arbusto de 1 1/2 metros
con flores blancas.

405012 Hierba prostrada
con flores blancas.

405013 Hierba con flores
violetas

405014 Hierba erguida con
flores amarillas

405015 Hierba erguida
suculenta con flores amarillas

~~405~~

Woodland near the Choluteca
River, Choluteca, Honduras
6 June 1970
JAB & PARB

40516 Hierba 1/2 metro altura con flores
& frutos verdes

40517 Tihuilhote, Arbol de 4 mtrs
con flores y frutos blancos.

40518 Hierba de un metro con
flores blancas.

40519 Arbol de 3 metros con
flores anaranjadas.

- 40520 Hierba de $\frac{1}{2}$ metro
con flores azul-violeta.
- 40521 Bejuco
- 40522 Arbusto de $1\frac{1}{2}$ con
flores y frutos verdes
- 40523 ~~Bejuco~~ ^{Arbusto} con flores
amarillas.
- 40524 Arbol de 3 metros con
flores verdes
- 40525 Bejuco con Flores Azules.
- 40526 Arbol de 2 metros con
flores blancas y frutos negros.
- 40527 Hierba con flores blancas
- 40528 Hierba con flores amarillas
- 40529 Arbol de 4 metros con
Frutos blancos.
- 40530 Arbol de 6m con
flores blancas

40531 Hierba.

40532 Hierba erguida con
flores amarillas.

40533 Hierba erguida con
flores blancas

40534 Hierba con flores azules

40535 Hierba suculenta

40536 Hierba suculenta

40537

Drayland
G. Ahues, Groves
a. Diaz, Rodman
9 ~~July~~ June 1970

40538 Prostrate herb; yellow
flowers

40539 Herb; white flowers

40540 Herb; blue flowers

- 40541 Herb white flowers
- 40542 ~~Herb~~ Small shrub
flowers white
- 40543 Low shrub; white flowers
- 40544 Low shrub; white flowers
- 40545 Low herb; white flowers
- 40546 Herb; white flowers

~~Grasslands with a few
trees~~ Savannah, at
Puerto Lengua de Vaca,
a Dios, Bolívar
9 June 1970

- 40547 Herb; white flowers
- 40548 Herb; violet flowers
- 40549 Small shrub; yellow fl.
- 40550 Terminalia Tree;
white flowers

Savannah, Puerto Lengua,
Cruces a Dios, Madras

9 June 1979

- 40551 Tree 4 m, fruit green
Sapindaceae? Jabón?
- 40552 Arbol 8 m; frutos verdes
- 40553 Arbol 5 m; frutos verdes
rajizas en gajos (clusters) Anon-
naceae
- 40554 Birsonima, Malpighiaceae,
Arbol 5 m; frutos amarillos,
"nance"
- 40555 Arbol 5 m; flores blancas,
frutos verdes
- 40556 Tree 2 m; flores blancas
- 40557 Tree 2 m; flores rosadas
fruit black Melastomataceae
- 40558 Shrub; 3 m white flower; Cer-
* dia

- 40559 Hierba flores ~~roscadas~~
rosadas; Lamiaceae
- 40560 Prostrate shrub; lilac flowers
- 40561 Prostrate herb; yellow flowers
- 40562 Tree 6 m; fruit 6 in.
long "Pucra" in Misquito dialect
- 40563 herb with pink flowers
Polygale *
- 40564 Vine with blue flowers.
- 40565 Cactus vine; sepals orange, petals
white
- 40566 Herb; flowers white; bulb
- 40567 Epiphytic orchid; flowers ma-
rooned-lavender, lip yellow, tip
purple.
- 40568 Epiphytic orchid; flowers white
- 40569 Epiphytic fern;

- 40570 Subshrub; yellow flowers
- 40571 Tree 5 m; flores blancas;
fruit purple "icaco"
- 40572 Herb lilac flowers - Asteraceae
- 40573 Herb lilac flower - Lactucaceae
- 40574 Tree 2 m; red fruit
- 40575 Epiphytic fern
- 40576 ~~Fern~~ Prostrate herb, lavender
flowers; fruit green
- 40577 Prostrate herb, white flowers
- 40578 Prostrate herb, pink flowers
Eomphrena, Polygonaceae
- 40579 Shrub 1 1/2 m; white flowers
- 40580 ~~Shrub~~ Herb - Cyperaceae
flowers green - Euphorb.
- 40581 Cyperaceae -
- 40582 Grass - Gramineae

Palmetto swamp near
Puerto Lempira, ~~Diosa~~
Gracias a Dios, Honduras
10 Jun 1970

- 40583 Prostrate herb;
pink flowers
- 40584 Upright herb; white flowers
- 40585 Ericaceae -
- 40586 Herb yellow flowers - Xyris
- 40587 Herb white flowers
- 40588 Herb pink flowers - Polygala
- 40589 Herb white flowers - Polygala
- 40590 Grass
- 40591 Herb; flowers white
- 40592 Shrub 1m; white flowers
Melastomataceae
- 40593 Subshrub 1 ft; flowers white
Melastomataceae

40594 Shrub 1 m; white flores
Melastomataceae; fruto black

40595 Shrub 2 m, flores white
buds pink

40596 shrub 1/2 m; flowers blancas

40597 ④ Tree 1 ft; flowers yellow
40679 - Birsonima - Malpighiaceae
40682

The lagoon ~~is~~ of
~~the~~ Bay of Taring, Trinidad
St 3.5.

10 June 1970

40598 Tree 3 m high

Pachira Bombacaceae

40599 Tree 3 m high, flowers white

40600 Tree 10 m; flowers green

40601 Tree 10 m; fruit green

40602 Arbol 6 m; flores pink;
fruit plum-shape

- 40603 Tree 4 m - Anonaceae
flesh of fruit orange
- 40604 Aquatic shrub unbranched,
3 m; flowers, spade white - Ara-
ceae
- 40605 Arbol 5 m; frutos orange
Palmaceae leaves = sheet 1 (4) (13)
- 40606 ~~sp.~~ Salvinia
- 40607 Flowers white, sepals green
Aquatic - Nymphaeaceae
Leaves sheet 1 (4)
- 40608 Potamogeton
- 40609 Aquatic; flowers pink
- 40610 Sterile Utricularia
- 40611 Tragia
- 40612 Herb yellow flores - Xyris
- 40613 Herb white flowers - Sagit-
taria (2) (3)

40614 Herb white flowers - Arma
ryllidaceae

Forest on

Tonsin, Gracias a Dios
Honduras

10 June 1970

40615 Epiphyte - subtending
leaves pink inside base - Bro-
meliaceae - Bracts red, fruits
dark-green

40616 Tree 1 m; orange flowers

40617 Shrub

40618 Shrub 2 m white flowers

40619 Vine, red flowers; Vitaceae

40620 Cyperaceae

40621 Aquatic herb green flores

- 40622 Herb white-blue flowers,
blue fruit
- 40623 Tree 3 m; *Gossypium*
- 40624 Upright herb; green fruit
- 40625 Epiphytic fern
- 40626 Upright herb; greenish flowers
- 40627 Shrub 2 m; flowers blancas
fruit dark blue
- 40628 Arbol 2 m; flowers white,
fruit black
- 40629 Shrub 1/2 m; flowers white
- 40630 Shrub 1 m; flowers blancas
- 40631 Tree 10 m; ~~white~~ flowers
orange - *Birsonima* - Malpighiaceae
- 40632 Herb 1/2 m; pink flowers,
Malvaceae

- 40633 Herbaceous vine, yellow flowers, orange fruit
- 40634 Shrub 1 m; flores white, fruit dark purple
- 40635 Cyperaceae
- 40636 Small Shrub, yellow flowers, Malvaceae
- 40637 Small shrub, pink flowers
- 40638 Vine with white fls Asterac
- 406 9 " " yellow " "
- 406 40 Piper
- 406 41 shrub ~~and~~ 1 m fr black.
- 406 42 Araceae. Spathe white becoming green in fruit
- 40643 Shrub 1 m; flowers white
- 40644 Tree 3 m; fruits orange

40645 Shrub 1 m; bracts red-orange; flowers yellow, fruit blue "~~but~~" varilla negra de montaña" -

40646 ~~Shrub; white flowers~~
Vine; fruit green

1-40647 Helicho

~~40648~~ Laguna Tansin
Gracias a Dios
10/junio/1970

40648 Cyperaceae

40649 Herb, lavender flowers

40650 Herb, yellow flowers

40651 Aquatic; green sepals, white petals - Nymphaeaceae

40652 Tree 7 m; flowers yellow

40653 ~~Tree~~ Shrub 1 m; green fruit

40654 Woody shrub; white flowers

40655 Grass

40656 Grass

40657 Eriocaulon
^{new woodland}
Carpenteria, Francis

Dios, Hardman

11 Jun 1970

40658

40659

Shrub with whitish
bract.

40660

40661 Shrub 2m fls
white.

40662 Prostrate succulent
herb; flowers light lavender

40663 Prostrate herb

- 40664 Prostrate herb; flowers
white
- 40665 Vine yellow-flowered
- 40666 Portulaca
- 40667 Prostrate herb; flowers
white
- 40668 Woody vine, white fl.
Leguminosae - Papilionaceae
- 40669 Shrub 2 m; violet flowers
Apocynaceae?
- 40670 Tree 5 m; flowers yellowish-
white
- 40671 Herb 1-2 m; flowers white
fruit orange
- 40672 Herb
- 40673 Herb white flowers
- 40674 Herb yellow flowers
Papilionaceae

40675 Fern aquatic

④

40676 Aquatic herb

40677 Tree 7 m;

②

40678 Tree 5-6 m; flowers
~~with~~ pinkish; fruit yellow

See after ~~40597~~

40679 Herb with pale lilac fls.

80

81

Iris (bulb)

82

Herb with yellow fls.

40687

88

grassy
Low Hill near Puerto
Lempin, Gracias a Dios, Hond.

12 June 1970

40679 Legum with blue fls.

40680 -

40681 ⁷⁴⁰~~681~~ herb with lilac fls.
941

40682 "Arroyo" shrub with
white fls. Myrtaceae

40683 Polygala fls pink
"sica de mano"

[Thailand with a few shrubs
at Awas, Gracias a Dios, Hond]

12 June 1970

40684 Shrub with yellow fls black fruit

♂ 5. Shrub fls white

♂ 6 Shrub fls white

40687

Used

40688

Used

Mtn north of Tegucigalpa
DC Honduras

17 July

JAB, JHR, MHM, Mh. Smith, A.H. Ethel
40689) herb with blue flowers

40690 Prostrate herb with rose flowers

40691 Herb with yellow flowers

40692 Herb with yellow flowers

40693 Herb with yellow flowers

40694 Vine with purple flowers

40695 Prostrate herb with yellow flowers

40696 Shrub with pale lilac flowers with yellow center

40697 Herb with yellow flowers

40698 Herb with yellow flowers

- 40699 Herb with yellow flowers
- 40700 Herb with yellow flowers
- 40701 Herb with white flowers
- 40702 Herb with blue flowers
- 40703 Grass
- 40704 Herb with yellow flowers
- 40705 Herb with pinkish flowers
- 40706 Shrub with scarlet flowers
- 40707 Herb with yellow flowers
- 40708 Sub-shrub with pink flowers
- 40709 Herb with yellow flowers
- 40710 Shrub with white flowers
- 40711 Shrub with orange flowers
- 40712 Shrub with scarlet flowers

- 40713 Prostrate herb with rose-
lilac flowers
- 40714 Upright subshrub with
yellow flowers.
- 40715 Low herb with yellow flowers
- legume
- 40716 Low herb with yellow flowers
legume
- 40717 Upright herb with yellow
flowers
- 40718 A shrub of 2 meters
with red flowers
- 40719 Herb with lilac flowers
- 40720 Herb with white flowers

- 40721 fern
- 40722 Epiphyte - Flowers orange
lip stippled with purple
- 40723 Herb with blue flowers
- 40724 An herb of 1 meter with
white flowers.
- 40725 An herb with white flowers
- 40726 Prostrate herb with blue
flowers
- 40727 Herb with pink flowers
- 40728 ~~Sati~~ Selaginella
- 40729 Polipodium
- 40730 Herb with orange flowers.
- 40731 Herb with blue flowers.
- 40732 Herb with white flowers,

- 40713 Prostrate herb with rose-lilac flowers
- 40714 Upright subshrub with yellow flowers.
- 40715 Low herb with yellow flowers
- legume
- 40716 Low herb with yellow flowers
legume
- 40717 Upright herb with yellow flowers
- 40718 A shrub of 2 meters with red flowers
- 40719 Herb with lilac flowers
- 40720 Herb with white flowers

- 40721 fern
- 40722 Epiphyte - flowers orange
lip stippled with purple
- 40723 Herb with blue flowers
- 40724 An herb of 1 meter with
white flowers.
- 40725 An herb with white flowers
- 40726 Prostrate herb with blue
flowers
- 40727 Herb with pink flowers
- 40728 ~~Sate~~ Selaginella
- 40729 Polypodium
- 40730 Herb with orange flowers.
- 40731 Herb with blue flowers.
- 40732 Herb with white flowers.

- 40733 Tree of 3 meters with red flowers.
pinkish
- 40734 Tree of 3 meters with white flowers
- 40734 Tree of 3 meters with green ~~red~~ ^{is} ~~fruits~~ ^{fruits}
- 40736 Herb with pinkish-white flowers
- 40737 Cyperaceae - heads white
- 40738 Cyperaceae -
- 40739 used
- 40740 used
- 40741 used

Mountains near
Tawara, DC, Honduras

19 June 1970

40742 ~~Herb~~ Herb with blue flowers

40743 Herb with yellow flowers

40744 An herb with yellow flowers

40745 Herb with yellow flowers

40746 Herb with blue flowers

40747 Herb with yellow ~~flowers~~ ^{flowers} ~~flowers~~ Hyptis

40748 Herb with blue flowers
Evolvulus

40749 Herb with yellow flower

40750 Herb with pink flowers
Opales

- 40751 Herb with pink flowers
Polygalaceae
- 40752 Herb with orange flowers
- 40753 Herb with pink flowers.
- 40754 Anacardiaceae. Shrub
with white flower
- 40755 Malvaceae. Shrub of .5 meter
with white petals.
- 40756 Herb with blue flowers, blue fruit.
Rubiaceae.
40757. Tree, 5 m., yellow fruit
- 40758 Shrub of 1 meter with
white flowers
- 40759 Shrub of $\frac{1}{2}$ meter with
red fruit
- 40760 Herb with pink flowers

- 40761 ~~2~~ Upright herb with blue
flowers
- 40762 Tree of 3 meters. Asteraceae
- 40763 Tree of 2 meters with
white flowers
- 40764 Herb with blue flowers.
Asteraceae
- 40765 Herb with red fruit.
- 40766 Shrub of 1 meter with white
flowers.

5

Wet bottom near
~~Comoyagua~~ Comoyagua.

- 40767 Marsilea
- 40768 Herb, yellow & orange flowers
- 40769 Herb, Scirpioid sign,
flowers light blue

Pine woodland in mts
above Siguatepeque

19 June 1978

- 40770 Terrestrial; orchid cloud
- 40771 Shrub with red flowers
- 40772 Shrub with white flowers
- 40773 Shrub with red flowers
- ~~40774~~
- 40774 Herb with lavender flower
- 40775
- 40776 Shrub of 1m fls ~~orange~~ pink
fruit black
- 40777 Shrub of 1m fls white
- 40778 C. medium, Terrestrial
perianth brown with tips
yellow
- 40779 flowers orchid
- Bletia purpurea Am &
Correll

- 4th Rain Forest near Peña Blanca
20 June Cortez, Hond.
- 40780 Vine with spathe green
- 40781 Cyperaceae
- 40782 *Lomopsis utriculosa*
- 40783 ~~Epiphyte~~ Epiphyte
- ~~40784~~ Tree of 4 meters flowers white
40784
- 40785 Herb with white flowers
- 40786 Epiphyte
- 40787 Epiphyte ~~Spice~~ Piper
- 40788 Epiphyte Piper
- 40789 Iris, flowers yellow
- 40790 A vine Begonia
- 40791 ~~Tree~~ Tree of 4 meters, Palm
Fruit orange
- 40792 Herb with green flowers
- 40793 Piper

- 40794 Araceae, spathe green
- 40795 Araceae with green spathe
- 40796 Epiphyll bracts red, flowers white, Vermeiliaceae
- 40797 Sometimes epiphytic on trunks of tree, Begonia
- 40798 Tree of 6 meters with white flowers.
- 40799 ~~Three axial stigma~~
~~14 stamen~~
~~4 white petals~~
~~4 white sepals~~
 Tree of 5 meters with buds pink

~~40798~~

Cerro Santa Barbara,
Dept. of Santa Barbara Honduras

21 June 4200 ft alt.

40800 Small tree 1 1/2 m.

40801 Tree 3 m. flowers pink,
fruit red.

40802 Tree 4 m. Fruit black

40803 Shrub 1 m. Flowers white, fruit
yellow

40804 Sprawling, 1 m.

40805 Herb, 2 m., white flowers

40806 Thistle, pale lavender flowers.

40807 Herb, lavender flowers

40808

40809 Herb, white flowers

40810 Shrub, pink flowers.

40811 Herb, mauve flower

- 40812 Vine, green flowers
- 40813 Tree, 3 m., red flowers, pink
fruit
- 40814 Herb, white flowers, legume
- 40815 Herb, 3 m., white flowers,
orange fruit
- 40816 Herb, corolla yellow but
brown at center.
- 40817 Herb, lavender flowers
- 40818 Herb, 3 m., flowers white,
fruit orange.
- 40819 Herb, 3 m., white flowers,
cream-colored bracts.
- 40820 _____
- 40821 Herb
- 40822 Shrub, pale lavender flowers
- 40823 Herb 1 1/2 m., white flowers

40824 Orchid, yellow flower

40825 Vine, red flowers

~~40826~~ ^{Epiphyte} Herb, blue flowers

40827 Upright herb, red flowers

40828 —————

40829 Shrub, 2 m., white flowers

40830 Brassica, flowers white

40831 Upright herb, 3 m., white
flowers, cream-colored bracts

40832 Herb, 3 m., flowers pink

40833 Vine, orange flowers

40834 Vanilla

40835 Tree 3 m. yellow flowers.

40836 Piper 6 m. ?

- 40837 Tree, 3 m, white flowers
- 40838 " " " "
- 40839 " " " "
- 40840 Costus, flowers orange
- 40841 Tree, 3 m, flowers white
- 40842 Begonia, climbing
- 40843 Upright herb, corolla
white, calyx red, stigma.
- 40844 Tree, 4 m., flowers whitish
fruit pink.
- 40845 Upright herb, white flowers
- 40846 —————
- 40847 Herb, white flowers
- 40848 Herb, yellow flowers
- 40849 ~~Herb~~, white flowers

40850

40851 Herb, blue flowers

40852 Herb, white flowers

40853 Herb, 1 m., white flowers

Mountain above ~~San~~
Las Vegas, Santa Barbara
alt. 3500 ft alt
9/1 Jun

40854 Shrub of 1 meter with red
flowers, very abundant

40855

40856 Shrub of 1 meter with white
flowers and red fruit.

40857 Herb of 1 meter with white
spathe

40858 Climbing begonia

40859 Shrub of 1 meter, flowers white

40860 Vine with red flowers

40861 Shrub with lilac flowers

Near Lake Yojoa
Categor. Honduras

21 June 1940
40862 Begonia

~~40863~~ 20th June same

40901 William H. Howden, Jr.
40862 Heliconia Collinsiana

40863 Heliconia, new species.

40864 Heliconia humilis, ~~flowers~~
fruit blue

40865 Cinnamon

40866 Musa coccinea

40867 Renealmia aromatica
fruit red, flowers orange, flower
~~stalks short and basal~~

~~40868~~
40868 Musa

Comaguagua,
Jardines, ~~Comaguagua,~~
~~Siguatepeque~~, Honduras

- 40869 A shrub of 2 meters with white flowers
- 40870 A tree of 5 meters with green fruit
- 40871 A tree of 5 meters with green flowers
- 40872 A tree of 8 meters with red fruit, black seed
- 40873 A tree of 2 meters with lavender flowers and black fruit
- 40874 Shrub of 1 meter with white flowers
- 40875 Epiphyte with white fruit.
- 40876 An orchid with dark purple flowers and leaves.
- 40877 Tree of 3 meters with black fruit

- 40878 Tree of 5 meters with
cream colored flowers
green fruit
red seed
very milky juice
- 40879 Orchid - green flowers
- 40880 Orchid - cream colored flowers,
Epiphyte
- 40881 Small shrub, 1 meter; yellow
flowers
- 40882 Vine with yellow flowers
- 40883 Vine with orange flowers
- 40884
- 40885
- 40886

40887 used.

~~On the road to~~ the mountains
near Santa Lucia, P.R., Hond.

25 June 1970

Margaret Nobile, Pedro Antonio Ramirez
Darlene Ertha & Martin Smith

- Nyct. 40888 Herb with pink flowers
Nyctagiroaceae
- Verben 40889 shrub with lavender fls.
- Nyct. 40890 Herb with red fls.
- Lamiac. 91 Herb with blue fls.
- Amargyl 92 " " white fls.
- Scroph 93 Vine with lilac fls.
- Lamiac 94 Herb with lilac fls.
- Aster 95 " " white fls.
- Melast 96 Shrub of 2m fls white.
- Verben 97 Shrub with orange fls.
- Solanac. 98 Herb with light lilac fls.

- 40899 Shrub 7 8 in fls blue
 40900 Shrub with white fls.
 40901 used

Open woodland near San Antonio Flores,
~~Huasteca, Hidalgo, Veracruz~~
 28 Jun 1970

- 40902 Tree 6m with white
 flowers + black fruit. 4
 40903 Shrub of 3m fls white 4
 40904 Vine with greenish yellow fls
 3 sap milky

Hillside near beach
 at Acayutla, Salcedo
 28 Jun 1970

40905 —————

Mountain valley near
Chimaltenango, Chimaltenango,
Guatemala.

30 June 1970

40906 shrub of 2m with orange fls. 4

40907 Tree of 4m. 3

40908 flowers blue. 4

40909

40910

40911 *Turpial* sepals pink, buds 4

40912 shrub of 1 m fls $\frac{1}{2}$ red 3

40913 shrub of 1 m fls blue. 4

40914 shrub of 1 m fls red. 2

Solola

40915 An herb with red flowers

40916 Herb with white flowers
Solanaceae 3

40917 Cyperaceae

- 40918 An upright herb with yellow flowers
Lycaea fascicularis 1
- 40919 Selaginella BF
- 40920 Mimosaecae 3
subshrub with pink flowers
- 40921 Lamiaceae, an herb with flowers blue 2

40922

Chichicasteñango, Chichic
Great

July 1970

- 40923 Hypoxidaceae
herb with yellow flowers 3

- 40924 Ammiaceae inflorescence blue,
bracts white at base.

- 40925 A mint with basal leaves

- 40926 An herb with blue flowers
→ Commolinaceae.

- 40928 An herb with blue flowers
 ↑ ↓
 40928 Herb with white flowers ⁴

Borraginaceae
 Mountain canyon near Oetzaltepego
 July 1970

40929 Herb with orange flowers
 Scopolariaceae 1

40930 Herb with blue flowers
 Boraginaceae 4

40931 Herb with yellow flowers 3

40932 Herb with yellow flowers
 Scopolariaceae 2

40933 Herb with orange flowers 3

40934 Begonia 5 -

40935 Rubiaceae, herb with white flowers

40936 Herb with whitish flowers
 Lamiaceae

mountainside
Near Totonicapán Totonicapán

2 July 1970

40937 An herb with blue flowers

2

40938 *Aquilegia*, flowers red
and yellow

3

40939 ~~Area~~ *Amniaceae* ✓
flowers blue

Mountain valley near Huehuetlán
Huehuetlán 1 July 1970

40940 Upright herb with yellow
flowers

Onagraceae

3

40941 An herb with yellow
flowers

40942 An herb with blue
inflorescence

~~Amniaceae~~

(4)

40943 Upright herb with yellow
flowers *Pyrenaceae*

- 40944 An herb with yellow
flowers, *Umbelliferae* 3
- 40945 Shrub of 1 meter with
yellow flowers. ✓
- 40946 *Asteraceae*, flowers 4
white, plant gummy ✓
- 40947 A prostrate herb with
yellow flowers. 2
- 40948 An upright herb with white
flowers *Asteraceae* 4

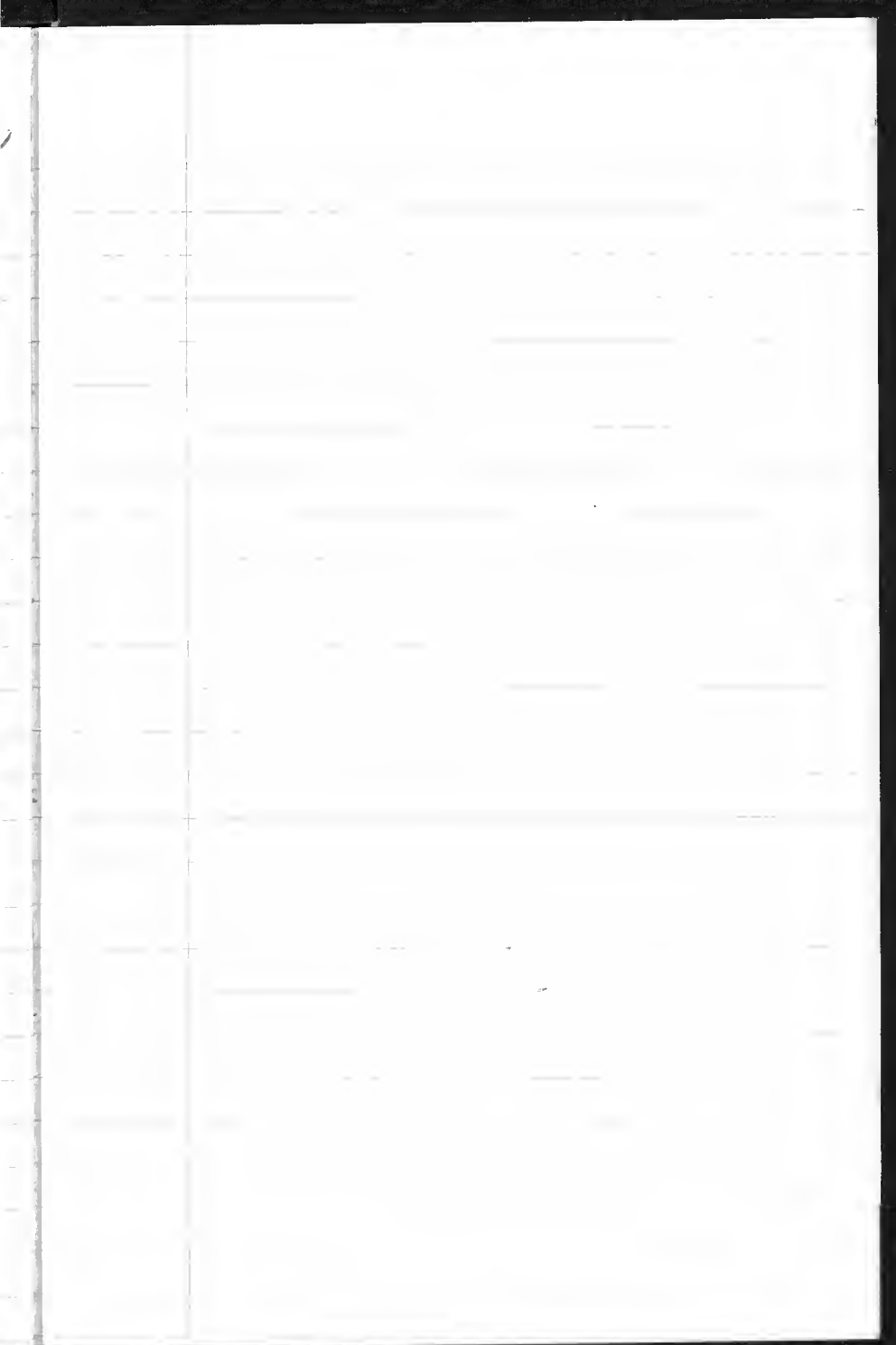
Same
- 40949 *Malvaceae* herb
with lavender pink flowers 4 ✓

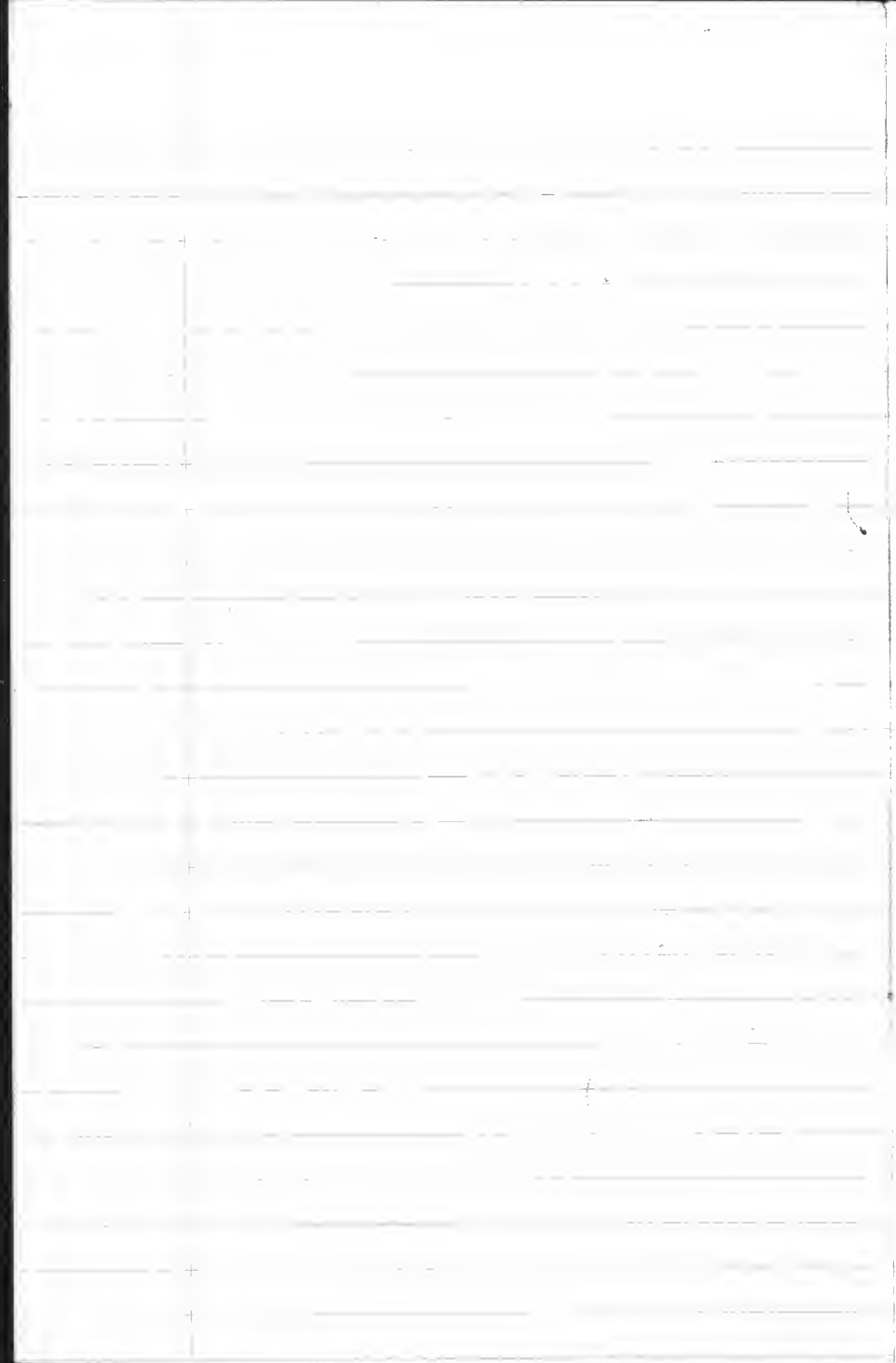
Carretera a San Cristobal
de las Casas.

2-July-1970

40950 - Herb with
blue flowers.
Boraginaceae

40953 used.
4 -1





Forest on mountainside, Rem, Atlántida,
 Haduraz
 1 May 1970

- 5740 Tree of 4 meters, fruit green
 2 " " 3 " ; flowers white, fruit purple
 3 " " 2 " ; flowers white
 4 " " 2 " ; flowers cream-colored
 5 " " 3 " ; " white
 6 Herb with red bracts & flowers
 7 Tree of 4 meters with orange fruits
 8 Vine with yellow flowers
 9 Vine " blue "

Forested valley near San Francisco,
 Atlántida, Haduraz.
 2 May 1970

52316

- 5150 Herb with ~~pink~~ flowers ^{Fyttracae}
 1 Tree of 2 meters flowers ^{Fyttracae}
 2 Herb with blue flowers ^{orange & red}
 3 " " lilac " ^{Scrophular}
 4 Tree of 3 m, fruit white;
 5 Herb with white flowers. ^{Asteraceae}
 6 Herb with yellow flowers. ^{Onagraceae}
 7 " " " ^{Poaceae}
 8 Herb with white flowers. ^{Glencae}
 9 Shrub of 1 m flowers white

Forested valley near San Francisco
Atlántida of Honduras

2 May 1970.

- 5160 ~~5760~~ Tree 3m flowers white
1 Tree of 2 meters, fruit green.
2 Tree of 2 " ; flowers yellow
3 Herb of 1 " ; flowers white.
4 Vine with white flowers.
5 Herb with yellow flowers Onagraceae
6 " " " " "
7 " " white " Compositae
8 " " green "
9 " " white "
5170 " of 2m with yellow flowers Asteraceae

Forested ~~mountain~~ ^{Monte Itz'neso} about
Antigua Copán, Copán, Hond.

- 5171 — Holocho
2 — Aracea.
3 - Tree of 5 meters with
green fruits.
4 - Aracea.
5 - Tree of 4 meters with
green fruits and white flowers.
6 - Tree of 4 meters with green fruits.
7 - Tree of 5 meters with green fruits.
8 - Tree of 5 meters with green fruits.

9 Parasito

5180 Parasito

5181 Aracea with flowers lila.

5182 tree of 2 meters with white flowers.

5183 Hierba con inflorescencia roja.

GLC 5184 Shrub with green flowers.

MHA 5185 Solanacea with white flowers.

MHA 5186 tree of 2 meters with ~~red~~ flowers ~~and~~

5187 Lamiaceae with blue flowers.

5188 tree of 2 meters.

5189 Herb with flowers yellow.

5190

5191 Shrub with

5192 herb with flowers lila.

5193 Pasto.

5194 Ficus Tree of 6 meters with fruits.

5195 Ficus. Tree of 5 meters with ^{cafe} fruits yellow y. cream.

5196 Shrub with white flowers and green fruits. Solanaceae

5197 Tree of 5 meters with flowers blue and green fruits.

5198 bis (2)

5199 Orquidea.

MHA 5200 Shrub with flowers red.

MHA 5201 Tree of 4 meters with yellow flowers.

and bis is black.

- 5202 Tree of 3 meters with
black fruits.
- 5203 ~~vine~~ Vine with fruits
red.
- 5204 Tree of ten (50) meters with black
fruits.
5205. Orquidea with yellow flowers.
- 5206 Orquidea with yellow flowers
and ~~big~~ white lip.
- 5207 Shrub with yellow flowers.
5208. ~~Shrub~~ Shrub with yellow flowers.
- 5209 Shrub of 3 meters with
flowers cream.
- 5210 Shrub of 3 meters ~~with~~
~~fruits green~~ with flowers white
- 5211 Shrub of 2 meters with flowers
pink.
- 5212 Tree of 3 meters.
- 5213 shrub of 2 meters with
white flowers.
- 5214 Herb of 4 meters with
blue flowers.
- 5215 Tree of 3 meter with
espigas white.

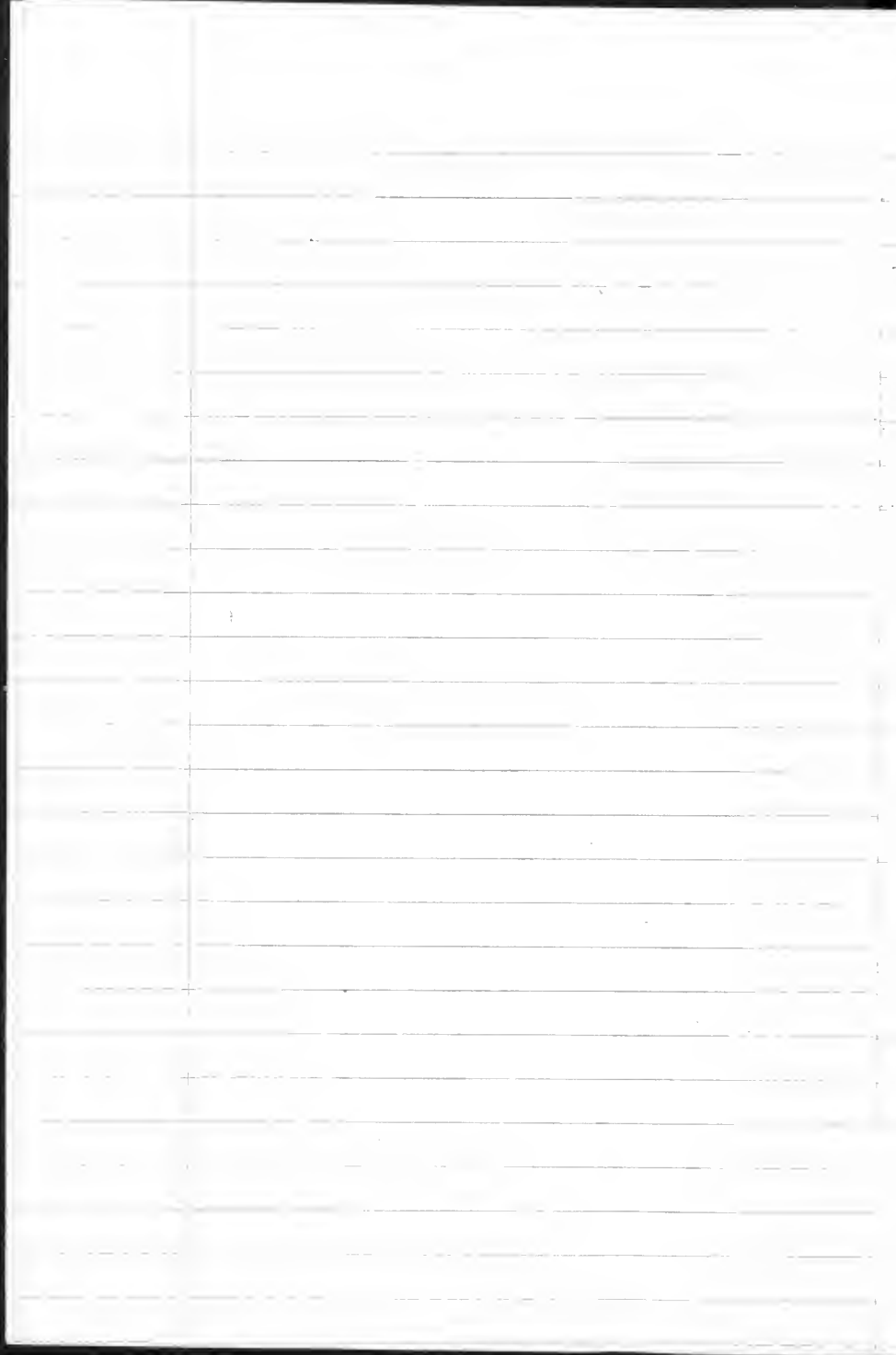
5216 see before 150

5

5

5

e



6 yr
6 yr.
4 yr.
1 yr

Prim
Coll (HS)
Univ. BA o BS
Master

José Leonides Cuellar
Ruinas de Copán

Application blank; Col. Lib. Arts. College	Alejandro Enríquez PO Box 215 Tegucigalpa Honduras
---	---

3 00

2 60

2 25

Jorge Fidel Duron

re S. D.

Mr. Wm. W. Plowden Jr.
Hotel Bolívar
San Pedro Sula
Honduras.

Guerra

