Book No. 13

H.A. ALLARD

FIELD COLLECTION NUMBERS

17000 - 18560

HISPANIOLA

Nov. 12, 1947 to JAN. 1, 1948

- #17000 to 17005 inc. Piedra Blanca.
 #17006 to 17018 " Ciudad Trujillo.
 #17019 to 17054 " Valdesia Valley.
 #17055 to 17056 inc. Ciudad Trujillo.
 #17057 to 17175 inc. Piedra Blanca.
 #17176 to 17182 inc. Ciudad Trujillo.
 #17183 to 17302 inc. ^{on highway to} Represa Dam.
 #17307 Ciudad Trujillo.
 #17304 to 17377 inc. - Valdesia slopes.
 #17378 to 17770 " Contanza-Valle Nuevo ^{region}.
 #17771 to 17884 " Piedra Blanca region.
 #17885 to 17944 - big limestone caves
 west of Ciudad Trujillo.
 #17945 to 18036 Piedra Blanca region.
 #18037 to 18077, big caves west of
 Ciudad Trujillo.
 #18078 to 18177 and 18179 = Region
 of Piedra Blanca.
 #18178 = Ciudad Trujillo.
 #18179 to 18180 ^{inc.} - Piedra Blanca.
 #18181 to 18184 inc. Ciudad Trujillo.
 #18185 to 18560 inc. Zona Camaguey
 and ravine of Rio de los Platanos.

Represa represented in some
 maps as Madrigal - on
 Duarte Highway. Road turns
 left into valley to dam known
 as Represa Dam - and is on
 the Manua River which rises in
 the Cerro del Cristo Dto, 1300
 meters in alt.

Allard, H. A.

Dominican Republic

1947-1948.

Book 13.

Field Notes nos. 17000 - 18560.

50174

Manufactured by
 U. S. Government Printing Office

[illegible]

Mosses, hepatic collected on
trees in ~~the~~ arroyo near
rubber grove (Goodrich)
17000 Nov. 12, 1947. H.A. Allard

17001 Lichens on trees etc
near # 17000

17002 Mosses, hepatic
near # 17000

17003 Mosses hepatic
near # 17000

17004 Mosses, hepatic
near # 17000

17005 Lichens on trees
near # 17000

17006 orange red morning glory
nest of Ciudad Trujillo
Nov. 14, 1947
H.A. Allard

Legume shrub or small tree
in thickets on outcropping
coral rock near # 17006
Nov. 14

17007

fl. white

17008

Sporocaea fl. white, reddish
in throat. showy.
Near # 17006

17009

Composite, very small,
yellow flowers along
runways of airport near
end. Nov. 14, 1947. H.A. Allard

17010

Lichens on Jacaranda tree
nest of Ciudad Trujillo
Nov. 14, 1947. H.A. Allard

17011

Sporocaea small white fl.
in tree near # 17010 Nov. 15
H.A. Allard

17012

Lichens of Cashew tree
near # 17010

17013

Lichens on the
17010
(Same tree)

Hepatic on Cashew tree
west of Ciudad Trujillo

17014

Nov. 15, 1947

H.A. Allard

17014

17015

Lichens with

17014

Same tree

ditto

17016

White mottled leaves of
plant much used for hedges and
high hedges. Ciudad Trujillo
Nov. 15, 47. H.A. Allard

17017

Shrub or small tree much
used in Ciudad Trujillo for dipped
hedges, low and high. Leaves never seen
fl. Leaves green mottled white and edged white.
Nov. 16, 47. H.A. Allard

17018

Legume - tree - fl. white
pod 3 angled, 10-12 inches long;
seeds round, 3 winged.
Ciudad Trujillo Nov. 18, H.A. Allard

17019

Blue flowered Catalpa - 2-3 ft
Tall. Near Valdesia - near Nizao
River at alt. Nov. 19, 1947
H.A. Allard

17020

On tree near # 17019

Tillandsia

ditto

17021

Moss - on vertical
bank of rock and earth
along Nizao River near
Valdesia. Nov. 19, 1947

H.A. Allard

17022

Dark, slate-colored
lichens on tree near # 17021

17023

Grass. Along Nizao
River on flood plain - near
17021

17024

Grass near # 17021
Along flood plain of
Nizao River

17025

Grass. Near # 17021
along flood plain of
Nizao River

17026

Sedge
with # 17023

17027

Composite - rose fl.
along flood plain with # 17023

Cyperus - bracts white at base,
along bank and flood plain
of Mingo River near Valdesia
17028 Nov 19, 1947
H.G. Allard

17029 Similar to # 17028
bracts micolorous green ditto
Near # 17028

17030 Cyperus
In water of river ditto
near # 17028

17031 Cyperus
In wet soil near # 17028 ditto

17032 Cyperus Near # 17028
In water and mud ditto

17033 Oxalis. On rocks
frequently overflown ditto
near # 17028

17034 fl. rose, small
on thin soil on rocks ditto
with # 17028

Thin matted plants in
thin soil on flooded rocks
17035 near # 17028 Nov 19
H.G. Allard

17036 Plants attached in mud,
submerged near # 17028 ditto

17037 Tall - 6-7 ft - shrubby;
fl. small yellow,
along flood plain near
17028 ditto

17038 Herb - small whitish fl.
in heads - with # 17037 ditto

17039 Woody shrub - long, growing
from vertical moist
cliff near river # 17037 ditto

17040 Chara - In water of
Mingo River near # 17037 ditto
attached to mud etc; submerged

17041 attached to mud, submerged
along river banks near
17037 ditto

17042 Tiny, matted plant on
soil in rock crevices occasionally
flooded by high water
along Nizao River near
Valdesia, Nov. 19, 1947
H. G. Allard

17043 fl. yellow - herb
near # 17042, in red soil, ditto

17044 Shrub - low; fl. small,
white in heads; leaves
thick, fascicled,
Near # 17042 ditto

17045 Grass,
In red soil near # 17042 ditto

17046 Shrubby - 2-3 ft; fl. large,
yellow, showy. Near
17042 ditto

17047 Polygonum; racemes
slender, long, fl. white
In red soil near # 17042 ditto

17048 fl. white.
Mikania.
Near # 17042
Common; full bloom ditto

Herb 3-4 ft. Along
flood plain of Nizao River
17049 near Valdesia
Nov. 19, 1947. H. G. Allard
fl. small, white

17050 Cyperus
In mud, water near
17049 ditto
Resembles *Scripus validus* (L.) Steud.

17051 Legume - trailing, fl.
small purplish. On dry
bank in mts. above Valdesia
valley as we began to descend into it Nov. 19

17052 Molasses grass
Melinis minutiflora
Near # 17051 ditto

17053 Mosses on vertical mud and
sandstone bank near # 17049 ditto

17054 Moss - near # 17053 ditto

17055 Large-podded tree
pods flat - Ciudad Trujillo,
Nov. 20, 1947
Legume. H. G. Allard

Legume, prostrate - in lawn -
Candado, Trujillo, fl. tiny white,
tiny red spot in center of standard,
17056 Nov, 20, 1947
H.A. Allard

✓ 17057 Cuscuta on shrubs at
bridge Piedra Blanca,
Nov, 21, 1947 H.A. Allard,

17058 Andropogon -
on trail to Goodrich rubber
grove Nov, 21, 1947
H.A. Allard

17059 Water weed. in brook
near # 17058.
temp of water 71°

✓ 17060 Mikania - fl. white,
fragrant.
Near # 17058

✓ 17061 Pueraria phaseoloides
escaped - along trail
near # 17058
fl. blue

✓ 17062 Legume - climbing -
fl. scarlet, near # 17058
Large, showy fl.

✓ 17063 Orchid - purplish, small
fl., in heavy woods in
ravine near # 17058
Nov 21, 1947. H.A. Allard,

✓ 17064 Low vine - berries red -
often in 2's - in
woods in ravine near
17063

✓ 17065 Orchid on tree -
fl. greenish yellow
Near # 17063

17066 Andropogon - near
Piedra Blanca on
bank Nov, 21,

17067 Moss - on logs
near # 17063

17068 Moss
on log near # 17063

17069 Moss.
near # 17063

17069a

On logs
ditto

ditto

ditto

ditto

ditto

ditto

ditto

Mosses on logs,
stumps etc in ravines
17070 on trail to Iroquois
rubber grove, Piedra
Blanca Nov. 21, H.A. Allard ✓

17071 Mosses on logs
near # 17070 ✓ ditto

17072 Mosses
on logs etc. near
17070 ✓ ditto

17073 Mosses near
17070 ✓ ditto

17074 Mosses on logs
etc near # 17070 ✓ ditto

17075 Mosses on logs
etc. near
17070 ✓ ditto

17076 Mosses on
logs etc near
17070 ✓ ditto

Mosses on logs etc Nov. 21/
near # 17070 H.A. Allard

17077

17078

Mosses on logs etc
near # 17070 ✓ ditto

17079

Mosses on logs
etc near # 17070 ✓ ditto

17080

Mosses on logs
etc near # 17070 ✓ ditto

17081

Mosses near
17070 ✓ ditto

17082

Mosses near
17070 ✓ ditto

17083

Mosses near
17070 ✓ ditto

Mosses in logs etc
in ravine on trail
to Goodrich rubber
grove, Piedra Blanca
17084 Nov. 21, 1947 ✓
H.A. Allard

17085 Mosses,
near # 17084 ✓ ditto

17086 Mosses near
17084 ✓ ditto

17087 Mosses
near # 17084 ✓ ditto

17088 Mosses etc
near # 17084 ✓ ditto

17089 Mosses etc
near # 17084 ✓ ditto

17090 Mosses etc
near # 17084 ✓ ditto

Mosses etc
near # 17084 Nov. 21
H.A.A.

17091
17092 Mosses etc
near # 17084 ✓ ditto

17093 Mosses etc near
17084 ✓ ditto

17094 Mosses near
17084 ✓ ditto

17095 Mosses near
17084 ✓ ditto

17096 Mosses near
17084 ditto

17097 Mosses near
17084 ✓ ditto

Mosses, hepatica
etc. in raiment on
17098 trail to Hoodrich ✓
rubber grove, Brida
Blanca Nov. 21, 1947
H.A. Allard

17099 ↓ ditto ✓

17100 ↓ ditto

17101 ↓ ditto ✓

17102 ↓ ditto ✓

17103 ↓ ditto ✓

17104 ↓ ditto ✓

Mosses etc near
H 17098 Nov. 21

17105 ↓ ditto ✓

17106 ↓ ditto ✓

17107 ↓ ditto ✓

17108 ↓ ditto ✓

17109 ↓ ditto ✓

17110 ↓ ditto ✓

17111 ↓ ditto ✓

17112

Mosses, hepatic
on logs etc. in ravine
on trail W. Woodrich
subfer groves, Piedra Blanca
Nov. 21, 1947

✓

17113

ditto

✓

17114

ditto

✓

17115

ditto

✓

17116

ditto

✓

17117

ditto

✓

17118

ditto

✓

17119

with # 17112 Nov. 21,
Sta. 9

✓

17120

ditto

✓

17121

ditto

✓

17122

ditto

✓

17123

ditto

✓

17124

ditto

✓

17125

ditto

✓

Mesa, hepatic on trail
to Goodrich rubber guse,
17126 Piedra Blanca, in mouth
ravine. Nov. 21, 1947
H.A. Allard ✓

17127

ditto ✓

17128

ditto ✓

17129

ditto ✓

17130

ditto ✓

17131

ditto ✓

17132

ditto ✓

14 ones etc collected
with # 17126 Nov. 21
H.A. Allard
✓

17133

17134

ditto ✓

17135

ditto ✓

17136

ditto ✓

17137

ditto ✓

17138

ditto ✓

17139

ditto ✓

17140 Mares, hepatic coll. in
ravine along trail to
Goodrich rubber grove,
Piedra Blanca, Nov. 21, 1947
H.A. Allard ✓

17141

ditto

17142

ditto

17143

ditto ✓

17144

ditto ✓

17145

ditto ✓

17146

ditto ✓

17147

Mares et
coll. with # 17140
Nov. 21

17148

ditto ✓

17149

ditto

17150

ditto ✓

17151

ditto ✓

17152

ditto ✓

17153

ditto ✓

17154 Mosses on stumps, logs,
bark etc in ravines on
trail to Goodrich after
cove near Piedra Blanca
Nov, 21, 1947 H.A. Allard

17155

ditto ✓

17156

ditto ✓

17157

ditto ✓

17158

ditto ✓

17159

ditto ✓

17160

ditto ✓

Mosses, leaf litter
near H 17154

17161

Nov, 21, 1947 ✓

H.A. Allard

17162

ditto ✓

17163

ditto ✓

17164

ditto ✓

17165

ditto ✓

17166

ditto ✓

17167 Lichens

✓

Lichens on bark etc
in ravines along trail to
17168 Goodrich rubber grove
near Piedra Blanca. ✓
Nov. 21, 1947
H.A. Allard

17169

ditto ✓

17170

ditto ✓

17171

ditto ✓

17172

Moss
Near # 17168 ✓

17173

Lichen on stick
Near # 17168 ✓

17174

Lichens on leaves
Nov. 21.
Near # 17168 ✓

17175

Moss on branch
Near # 17168 Nov. 21, 1947
H.A. Allard. ✓

17176 Peculiar small lichens on
upper surface of Cashew leaf ✓
Ciudad Trujillo
H.A. Allard Nov. 24, 1947

17177

Leaf spots on
Cashew
for path. ditto

17178

Black hydnum on
Cashew tree ditto

✓ 17179

Ipomoea. fl. blue,
small. Nov. 24 ditto

✓ 17180

Ipomoea. fl. white,
small ditto

17181

Mosses on Mango
Tree ^{west of} Ciudad
Trujillo.
Nov. 25, H.A. Allard ✓

17182

Mosses on mango tree
west of Ciudad Trujillo
Nov 5, 1947
H.A. Allard

17183

Legume - erect -
fl. dark red
Nov 26, 1947
Along stream near Represa,
= Maná River.

17184

Cuscuta - on herbs
etc., near Represa dam
ditto

17185

In river near # 17183 ditto
Odor fishy, unpleasant, ✓

17186

Water plant and in
mud near # 17185 ditto

17187

Shrub -
On bank near # 17183 ditto

17188

Piper
Tall shrub
Near # 17183 ditto

17189

Compositae -
fl. whitish
On bank near
17187 Nov 26, 1947
H.A. Allard

17190

On vertical clump
bank near # 17187 ditto

17191

Penicillium
On bank with # 17187 ditto

17192

amorphous, showy
fl. dark red, ditto
Near # 17187 in river
tidal flood plain.

17193

Cyperus
In damp soil on bank
near # 17187 ditto

17194

Cyperus
On bank near # 17187 ditto

17195

Crotalaria -
fl. yellow, On bank ditto
near # 17187

On moist, shaded, steep
bank by Mana river
17196 near Represa dam
November 26, 1947
H.A. Allard

17197 Mosses, lichens
On bank near # 17196 ditto

17197a algae ✓

17198 Lichens on upper surface
of large leaves, very thick,
Near # 17196 leathery ✓ ditto

17199 Orchid on tree
near # 17196
fl. greenish ditto

17200 Sedge on moist
bank near # 17196 ditto

17201 Bromeliad
on tree near # 17196 ditto

17202 Bromeliad
on tree near # 17196 ditto

Mosses on bank
near Mana river at Represa
17203 dam, Nov. 26, 1947
H.A. Allard ✓

17204 Moss on bank
with # 17203 ditto ✓

17205 Moss near
17203 ✓ ditto

17206 Moss near
17203 ditto

17207 Mosses, hepatics
near # 17203 ✓

17208 Hepatic mosses
near # 17203 ✓

17209 Hepatic mosses
near # 17203

Mosses on tanks
along stream near Peypressa
dam, Nov, 26, 1947
17210 H.A. Allard ✓

17211 Mosses-hepatia
near # 17210 ✓ ditto

17212 Mosses-hepatia
near # 17210 ✓ ditto

17213 ditto ✓ ditto

17214 ditto ✓ ditto

17215 ditto ✓ ditto

17216 ditto ✓ ditto

Hepatic etc
near # 17210
17217 H.A. Allard ✓

17218 Hepatic, mosses
near # 17210 ✓ ditto

17219 ditto ✓ ditto

17220 ditto ✓ ditto

17221 ditto ✓ ditto

17222 ditto ditto

17223 ditto ditto ✓

17224 Mosses, hepatic
on banks (mount) near
Repressa Dam at foot
of Cordillera Central.
Nov. 26, 1947 ✓
H. A. Allard.

17225

↓ ditto ✓

17226

↓ ditto ✓

17227

↓ ditto

17228

✓ Sedge - on
soil on rocks in stream
near # 17224

17229

✓ Matted Plantain mud near
17228 Nov. 26

17230

Moss on tree
near # 17224 ✓
Nov. 26.

17231

✓ Moss - on bank
near # 17224
Nov. 26, 1947
H. A. Allard. L

17232

↓ ditto ✓

17233

↓ ditto ✓

17234

↓ ditto ✓

17235

↓ ditto L

17236

↓ ditto ✓

17237

↓ ditto ✓

17238

Moss - on moist wooded
bank on road to Repressa dam.
Nov, 26, 1947
H.A. Allard

✓

17239

ditto

17240

ditto

✓

17241

ditto

✓

17242

ditto

✓

17243

ditto

✓

17244

ditto

✓

17245

Mosses, hepatics
near # 17238
Nov, 26, 1947
H.A. Allard

✓

17246

ditto

✓

17247

ditto

✓

17248

ditto

✓

17249

ditto

✓

17250

ditto

✓

17251

ditto

✓

17252 *Mones, hepaticus*
along highway near Represa
dam, on steep moist,
wooded bank,
Nov, 26, 1947 ✓
(H.A. Allard)

17253

ditto ✓

17254

ditto ✓

17255

ditto ✓

17256

ditto ✓

17257

ditto ✓

17258

ditto ✓

Mones, hepaticus
near # 17252

17259

Nov, 26, 1947
H.A. Allard ✓

17260

ditto ✓

17261

ditto ✓

17262

ditto ✓

17263

ditto ✓

17264

ditto ✓

17265

ditto ✓

17266

Mosses, hepatic on banks
along Mana river near
Represa dam, Nov. 26, 1947
H. A. Allard, ✓

17267

ditto
On basal sheaths of
Arundo donax ✓

~~17267a~~
17268

ditto

17269

ditto ✓

17270

ditto ✓

17271

ditto ✓

17272

ditto ✓

17272a

ditto ✓

17273

Neen # 17266-
Nov. 26, 1947
along Mana River ✓

17274

ditto ✓

17275

ditto

17276

ditto ✓

17277

ditto ✓

17278

ditto ✓

17279

ditto ✓

On banks along Mana River
near Repressa dam

17280

Nov, 26, 1947
H.A. Allard

✓

17281

ditto

✓

17282

ditto

✓

17283

ditto

✓

17284 *

Lichens.

ditto

✓

17285

Mosses, hepatic

ditto

✓

17286

Mosses,
hepatic

ditto

✓

Mosses, hepatic
near # 17280

17287

Nov, 26, 1947

H.A. Allard

✓

17288

ditto

✓

17288a

ditto

✓

17289

ditto

✓

17289a

ditto

✓

17290

ditto

✓

17291

ditto

✓

17291a

ditto

✓

17292

ditto

✓

17293

ditto

✓

17294

Mosses hepatic
along Mana River - on banks
near Represa and
Represa dam,

17294a lichen ✓

Nov, 26, 1947
H.A. Allard ✓

17295

Cladonia

ditto ✓

17296

Cladonia

ditto ✓

17297

Cladonia

ditto ✓

17298

Mosses
hepatic

ditto ✓

17299

Moss, hepatic

ditto ✓

17300

Moss, hepatic

ditto ✓

Cladonia

17301

Near # 17294

Nov. 26, 1947

H.A. Allard

17302

Moss, hepatic ditto
on bank ✓

17303

begin

Sichens on
tree near Independencia
Cave, Ciudad Trujillo H.A. A
Nov. 28, 1947

17304

✓

On cliffs in Nizao river
valley near bridge

Nov. 30, 1947 H.A. Allard

Legume, leaves with prickly at apex
small tree

17305

Shrub on cliffs
near # 17304 ditto

17306

✓

Cyperaceae
In wet spot at foot of
cliffs near # 17304

ditto

17307

On cliffs near
17304

ditto

algae, small spot at
foot of cliffs south of
bridge over Rio Negro, near
17308 Valdesia, Nov. 30, 1947
H.A. Allard ✓

17309 Along cliffs near
17308 ditto
Leaves very dark green.
Piper

17310 On cliffs near
17308 ditto

17311 Grass on ^{high} cliffs
near # 17308 ditto

17312 Composite; rays
yellow; on cliffs
near # 17308 ditto

17313 Piper; leaves very deep
green, ^{strongly} aromatic - scented and
flavored; on cliffs
near # 17308 shrub.

17314 Large leaved, deeply lobed;
vine with leafy spat.
Along Rio Negro River in woods
climbing on trees Nov. 30. H.A.A.

Mass - ~~Lanceolata~~
Leaves broad 3-4 ft
17315 Near # 17314
Nov. 30, 1947
~~Olyra~~ *latifolia* H.A. Allard

17316 Mosses, hepaticae on wood,
logs, trunks on cliffs near
17308 ✓

17317 ditto ✓

17318 ditto ✓

17319 ditto ✓

17320 ditto ✓

17321 ditto ✓

17322

diff. near Valdesia.

Nov. 30, 1947

17a, allard

17323

ditt

17324

ditto

17325

ditto

17326

ditto

17327

Little

17328

ditty

Nea # 17322

Same data

Nov, 30.

17329

17330

ditt.

17331

ditto

17332

little

17333

ditt.

17334

ditta

17335

ditt.

Mimosa hepatica
collected near Valdesia - along
Nizao River and on high cliffs
near Valdesia
Nov. 30, 1947 ✓
H.A. Allard

17337

ditto

✓

17338

ditto

✓

17339

ditto

✓

17340

ditto

✓

17341

ditto

✓

17342

ditto growing
on
stones. ✓

Mimosa hepatica Near # 17336
Same data
17343 ✓

17344

ditto

✓

17345

ditto

✓

17346

ditto

✓

17347

ditto

✓

17348

ditto

✓

17349

ditto

✓

✓

Lichens on bark, trees
etc., near Valdesia along Rio Ninan
and on cliffs near it.

17350

Nov. 30, 1947 white small on
H.A. Allard, light greenish ✓
C. J. D. 1947

17351

ditto ✓

17352

ditto ✓

17353

ditto ✓

17354

ditto ✓

17355

Beautiful
crimson
patches
on trees

ditto ✓

17356

ditto ✓

Lichens growing near # 17350

Nov. 30, 1947

Same data

17357

✓

17358

ditto ✓

17359

ditto ✓

17360

ditto ✓

17361

ditto ✓

17362

ditto ✓

17363

ditto ✓

Lichens collected on bark,
logs etc. along Nizao River

17364

near Valdesia, and on high
cliffs here.

Nov, 30, 1947
H.A. Allard.

✓

17365

ditto

✓

17366

ditto

✓

17367

ditto

✓

17368

ditto

✓

17369

ditto

✓

17370

ditto

✓

Lichens - near # 17364

Same data, data etc

17371

Cladonia
on logs.

Nov, 30

✓

✓

17372

Mosses
hepatia

ditto

✓

same
data
locality
etc.

17373

Flowering plant on
above cliffs.
near
Valdesia.

ditto

Nov, 30.

✓

✓

17374

Rosette
plant
on cliffs above
No. 17371.

ditto

grows
on vertical
walls of
cliffs

✓

17375

Lichens on
sticks near
17371.

ditto

✓

17376

Bromeliad
large; fl deep rose
on tree near
17371

ditto

✓

17377

Cactus on
vertical cliff wall
2 ft. tall - a single stem
7 angled. Near
Valdesia
Nov, 30.

ditto

✓

along road and on slopes
at 5000-5200 ft leading
17378 to Valle Nueva from
Costanza, Dec. 4, 1947

Panicum H. Allard
In original pine forest

17379 Panicum
Near # 17378

ditto

17380 Solanum
Near # 17378
fl. white

ditto

17381 Solanum
Very tall, arching branches
fl. deep purple; shiny
Near # 17378

ditto

17382 Vine - leaves palmate.
fl. large, tubular, dark crimson
Near # 17378

ditto

17383 Pilea -
Erect - leaves very rugose
Near # 17378

ditto

17384 Lycopodium
Running -
fertile fl. in terminal
spikes. In pines
near # 17378

ditto

Small Phytolacca
In pine forest near

17385 # 17378

Same date,
data
etc.

17386 Mikania - high climbing
In thickets near # 17378

ditto

17387 Sisyrinchium fl. blue
Near # 17378

ditto

In pine forest - great
original trees.

17388 Rubiaceae
fl. white - prostrate
Near # 17378

ditto

17389 Aster - fl. pinkish purple
white
Near # 17378

ditto

17390 Shrub
fl. reddish; leaves
very dark green above,
light beneath; glabrous
Near # 17378

ditto

17391 Very woody gnaphalium
In pines near # 17378

ditto

On slopes of mts. along
highway from Comstanya to
Valle Nuevo at 5000 to
5200 ft. Dec. 4, 1947
✓ *Gnoma* H. G. Allard

17393 Vine - climbing over
shrubs etc; fl. small, white ditto
✓ Composite

17394 Orchid - fl. purplish
red. On moss and thin
✓ soil on ledges near # 17392 ditto
leaves elliptical.

17395 Shrub - composite ditto
5-6 ft tall. Near # 17392
✓ fl. pinkish

17396 *Panicum*.
Low, rosette form. ditto
Near # 17392

17397 Rubiaceae
fl white; prostrate ditto
to ascending
Near # 17392

17398 Low - nearly creeping
✓ leaves small, deep orange ditto
in color. Near # 17392

Composite - Same date,
whitish fl. data
17399 Near # 17392

✓ 17400 Fern. On ledges ditto
near # 17392 ✓

17401 Eupatorium: fl purplish ditto
✓ woody or shrubby.
Near # 17392

17402 *Panicum* ditto
Near # 17392

17403 *Hieracium* fl. yellow ditto
✓ In pine forest near
17392

17404 *Panicum* ditto
Low, rosettes,
Near # 17392

17405 *Panicum* ditto
Stiff, narrow leaves
Near # 17392

✓ Low, creeping plant
In original pine forest on
steep slopes near
17406 highway from Constanza
to Valle Nuevo
H.A. Allard Dec. 4, 1947

17407 *Panicum*
Pubescent -
2 feet. Near # 17406 ditto

17408 *Panicum*
Near # 17406 ditto
Low - matted.

17409 Peculiar plant - Near # 17406
light glaucous green
lim color. fl. beneath broad-leaf ditto
stems, leaves all in one plane
On tree 30-30 ft above ground

17410 Very small fern
on tree 40-50 feet
above ground ditto
Near # 17406

17411 Orchid - 3 On same
tree with # 17406 ditto

17412 Fern - long, slender
fronds on bank near
17406 ditto

Eupatorium
fl. purplish
Shrub - 6-8 ft tall
17413 Near # 17406 Same data, etc.

✓ 17414 *Equisetum* -
4-5 ft. tall. at near
4000 ft near Constanza ditto
along stream

17415 *Cyperus* - very tiny
In mud along stream ditto
Near # 17414

✓ 17416 *Primula* sp.
fl. large, yellow, showy. ditto
5-6 ft. tall. along stream
Near # 17414

17417 Mistletoe - On pine tree ditto
Near # 17406
fruit O, purple

17418 Shrub. tall -
fruit oblong, crimson ditto
Near # 17406

17419 High climbing woody
Near # 17406 rare ditto

along slopes and highway
from Constanza to Valle Nuevo
at 5000-5200 ft.

17420 ✓ Dec. 4, 1947. H.A. Allard
Chenopodium

aster
in mixed forest

17421 near # 17420

ditto

17422 ✓ Shrub - near # 17420 ditto
fl. very showy, drooping
deep orange red. ^{veining red}
very beautiful; leaves dark green

17423 Pilgera - ditto
erect, rugose, dark
green, rough hairy leaves
with # 17420

17424 ✓ Low, creeping or a bit
fl. yellow - along bank
in ravine at 5000 ft. ditto

17425 Lycopodium ? ditto
Trailing. In ravine
near # 17424

17426 Fern - long slender
fronds on ditto
bank in ravine
near # 17424

Trailing herb -
in ravine on bank
near # 17424

17427 Dec. 4, 1947
H.A. Allard

17428 ✓ Gnaphalium ditto
in open ground on
bank - near # 17424

17429 Grass. Andropogon, ditto
near # 17424

17430 ✓ Eupatorium ditto
Tall shrub - fl. whitish
Leaves somewhat glutinous
near # 17424

17431 ✓ Gerardia - ditto
fl. rose-purple,
in pines at 5000 ft
near # 17424

17432 ✓ Parasite nearly black ditto
all over pine branches.
At 5000 ft. near 17420

17433 ✓ Shrub - Composite - ditto
flowers pinkish; leaves
very narrow, linear.
near # 17420

Panicum
on steep slopes in original pine
forest on road from Comfama
17434 to Valle Nuevo, at ~~17434~~
5000 to 5200 ft. alt. - Dec. 4

Adonia - nearly white
or pale green - reindeer type
17435 on banks on ledges
near # 17434 ditto ✓

17436 *Panicum*
Near # 17434 ditto

17437 Tiny, low herb
near # 17434 ditto

17438 *Panicum*
Low - near # 17434 ditto

17439 *Smaghalium*
In ^{hills} woods near
17434 ditto ✓

17440 *Cyperus* - low
In dry, gravelly soil
near # 17434 ditto ✓

Pilea - 1-2 ft. tall
rugose leaves erect, same
date &
data
Near # 17434

17441 ✓

17442 Lichens
on pine trees - ditto ✓
Near # 17434

17443 Trailing *Pilea*
Near # 17434 ditto ✓

17444 *Artemisia*
Near # 17434 ditto ✓

17445 *Panicum*
Low, Near # 17434 ditto

17446 *Smaghalium*
Near # 17434 ditto ✓

17447 *Hieracium*
Near # 17434 ditto ✓
fl. yellow.

Bidens fl. yellow (heads)
Near Courtanya on
17448 road from Courtanya to
Valle Nuevo at 4000 ft
Dec 4, 1947
H.A. Allard

17449 *Eupatorium*, fl. white,
small, Near # 17448 ditto

17450 Prostrate *Ribes* -
Near # 17448 ditto

17451 Tall herbaceous
mint; fl. blue, showy
4-5 ft. Near # 17448 ditto

17452 *Eupatorium* tall
fl. whitish Near # 17448 ditto

17453 *Stellaria*
On banks near
17448 ditto

17454 Dock - *Polygonaceae*
Roadside near
17448 ditto

Anise - roadside near
mild - road side near
17455 # 17448; common
Dec 4, 47
H.A.

17456 *Eupatorium*
shrubby; fl. purplish
Near # 17448 ditto
Dec 4

17457 Prostrate legume
Desmodium
Near # 17448 ditto

17458 *Guinea*
Escaped everywhere
near Courtanya, etc.
In roadside ditch, etc.
one crimson, one purplish
at 3800 ft. on Valle Nuevo road ditto

17459 *Lepidium*
Near # 17458
(on roadside) ditto

17460 Prostrate plant
In cult. land near
17458 ditto

17461 *Andropogon*
Dec. 3
At 4500 ft to 5000 -
on road to Valle Nuevo ditto
Dec. 3
H.A.

Orchid - flowers deep rose
on dry, grassy knob near Constanza
17462 at 3600-3700 ft. Dec. 5, 1947
H.A. Allard.

17463 at 5200 feet on road
to Valle Nuevo - in
pine forest.
Dec. 4, 1947
H.A. Allard.

17464 Cyperaceae
ditto
Near # 17463. cl. red soil.

17465 climbing - fl. small
white, juice very milky.
at 5000 ft. near
17463.

17466 shrub.
Near # 17463

17467 shrub
fruit in umbels
Near # 17463

17468 shrub
fl. purple
Near # 17463

at 5200 ft.
on road to Valle Nuevo from
Constanza, in pine forest,
17469 original here, Dec. 4, 1947
H.A. Allard
fl. yellow; shrubby.

17470 Climber; fl. very small
whitish.
Near # 17469

17470A small plant - Rubiaceae ditto

17471 Shrub.
fl. whitish
Near # 17469

17472 Chenopodium
In Constanza on roadside
at 3400 ft. Dec. 4

17473 Pilea - prostrate in
damp soil at 5200 ft.
near # 17469

17474 In pine forest
near # 17469
Erigeron?

17475 Rubiaceae
with # 17469
fl. white

Aster. fl., - rays pinkish.
On road to Valle Nuevo from
Constanza - in original pine forest
17476 ✓ at 5200 ft, Dec. 4, 1947

17476 = *Scleria ciliata* Michx. H.A. Allard
Setaria

17477 with # 17476

ditto

17478 *Pilea* - creeping
✓ Near # 17476

ditto

17479 *Panicum*
Near # 17476

ditto

17480 Sedge
✓ Near # 17476

ditto

17481 *Aster*
✓ Rays pinkish white
Near # 17476

ditto

17482 ✓ *Pilea* - prostrate
Near # 17476

ditto

Bromeliad
on pine tree
17483 near # 17476
Dec. 4
H.A.A.

17484 *Lactuca*
✓ Rays yellow
Near # 17476

ditto

17485 *Paricum* - tall
Near # 17476

ditto

17486 *Leage* (private)
✓ with galls
Near # 17476

ditto

17487 *Lycopodium*
Near # 17476 ✓

ditto

17488 *Aster*
✓ rays white to pinkish
Near # 17476

ditto

17489 *Eupatorium*
✓ fl. purple.
Near # 17476

ditto

Panicum
at 5200 ft on road to
Valle Nuevo from Comfanza
17490 in original pine forest
Dec. 4, 1947
H.A. Allard.

17491 Cyperaceae
Low, dry soil
Near # 17490 ditto

17492 Hieracium - fl yellow
In pine woods near
17490 ditto

17493 Cyperaceae
Near # 17490 ditto

17494 Synanthium
Near # 17490.
fl. blue, ditto

17495 Compositae
Heads whitish -
Near # 17490 ditto

17496 Gnaphalium
Near # 17490 ditto

Orchid
fl. purplish red
17497 on thin soil on rocks
near # 17490 Dec. 4
H.A.A.

17498 fern - on
logs etc., near # 17490 ditto

17499 Very leafy stems
glamorous leaves - closely
arranged in same plane
fl. beneath on stem. On
tree trunk etc. near # 17490 ditto

17500 Aster - rays light blue
Near # 17490 ditto

17501 Rubiaceae
fl. whitish
(ascending)
Near # 17490 ditto

17502 Panicum
Near # 17490 ditto

17503 Compositae
rays whitish
Erigeron? ditto

Erigeron. rays whitish
In original pine forest
17504 on road from Constanza
to Valle Nuevo. Dec. 4,
H.A. Allard.

17505 Rays yellow.
Low rosette plant -
Near # 17504 ditto
Leaves white woolly beneath.

17506 Piper.
Low ascending.
Near # 17504 ditto

17507 Aster.
Rays white
Near # 17504 ditto

17508 orchid
In clump on ledge
Near # 17504 ditto
fl. yellow or cream.

17509 Gameliaceae
fl. red
Leaves, stems glutinous
Tall shrub. hairy ditto
Near # 17504

17510 Panicum
Near # 17504 ditto
Low rosettes

Rosette plant
heads reddish, white
17511 Leaves narrow, white
beneath, slender flower stem
Dec. 4
Near # 17504

17512 Panicum
Near # 17504 ditto
15-20 in tall - hairy.

17513 Panicum
Low rosettes ✓ ditto
Near # 17504

17514 Tiem
Polypodium Near # 17504 ditto
on tree trunk -
silvery scales above, pruned and
Taping to wood ~~scale~~ ✓

17515 shrub
small white flowers, ditto
Near 17504

17516 Panicum
17504 ditto
Tall - reclinant

17517 Low shrub -
shony red flowers ditto
Leaves, small, thick.
On ledges etc near # 17504

Shrub - fl. red (white) leaves glabrous,
Very attractive. In original
17518 pine forest near Valle Nuevo
at 5200 ft., Dec. 4, 1947
H.A. Allard.

17519 Shrubby
fl. white
Leaves thick, scabrous ditto
Near # 17518

17520 Setaria
Near # 17518 ditto

17521 Grass
Agrostis 3
Near # 17518 ditto

17522 Ascyrum
fl. yellow.
Near # 17518 ditto

17523 Plantago major L. ditto
On road side
near # 17518
at 5200 ft.

17524 Pilea
Leaves dark green
Erect or ascending. ditto
Near # 17524

Pilea
Creeping on bank, Dec. 4
near # 17518 H.A.

17525

17526 Leaf spot on Rubiac. plant
Diodia 3
some for Pathology ditto
Near # 17518

17527 Small fern
On tree at foot mts.
near Jarabacoa ditto
at foot, Dec. 4

17528 Small fern - on tree trunk ditto
Near # 17527.

17529 Mosses & hepatics
on trees, etc. - ground etc.
Near # 17518
at 5000 to 5200 ft. Dec. 4.

17530 Fern. In moss
on ground. ditto
Near # 17529.

17531 Lycopodium
ascending ditto
Near # 17529

17532 Moss on tree trunk in
deep, shaded ravine
at 5000-5200 ft on
road to Valle Vnoro, Dec. 4
1947, H.A. Allard, ✓

17533 On trees near
17532 ✓

ditto

17534 Moss on trees
near # 17532 ✓ ditto

17535 Moss etc
Near # 17532 ✓ ditto

17536 Moss on soil etc
near # 17532 ✓ ditto

17537 Moss on trees
etc. near # 17532 ✓ ditto

17538 Mosses, hepatics
on wood, near # 17532 ✓ ditto
✓

Moss on soil Dec. 4
Near # 17532 H.A.A.

17539 ✓

17540 Mosses on
soil etc, near # 17532, ✓ ditto

17541 Moss - at base of
tree near # 17532 ditto

17542 Mosses on
woods etc near 17532 ditto
near # 17532

17543 Mosses on soil ✓
etc ditto near # 17532 ditto

17544 ditto ✓
Near 17532 ditto

17545 Mosses on wood ✓
etc Near # 17532 ditto

Mosses, hepatic
collected on steep slopes of original
17546 pine forest near Valle Nuevo
at 5000-5200 ft. Dec. 4. H.A.A. ✓

17547 Mosses etc.
near # 17546 ditto
on soil etc. ✓

17548 ditto ✓

17549 ditto ✓

17550 Mosses
ditto ✓

17551 Near Constanta
on road to Valle Nuevo ✓
Dec. 4, on rocks in brook
17551a algae at 3600 ft. Dec. 4

17552 Mosses, hepatic
near # 17546 Dec. 4. ✓

17553 Mosses etc. on
bark, ground etc.
near # 17546
Dec. 4
H.A.A. ✓

17554 at 5000-5200 ft.
Mosses on soil
etc. near # 17546 ✓

17555 Mosses on soil
etc. Dec. 4 ✓
near # 17546

17556 Mosses on soil
ditto

near # 17546

17557 Mosses etc. on
soil, banks etc. ✓
near # 17546

17558 Mosses etc.
near # 17546 ditto ✓

17559 Mosses etc.
ditto ✓

17560

Mosses etc
on trees, soil etc
on slopes in original pine
forest near Valle Negro
at 5000-5200 ft. Dec. 4
Ra. Allan

17561

ditto

17562

ditto

17563

ditto

17564

ditto

17565

ditto

17566

ditto

17567

Mosses etc - hepatic
on soil - logs etc
with # 17560 on
nearby, Dec. 4
at 5000-5200 ft.

17568

ditto

17569

ditto

17570

ditto

17571

ditto

17572

ditto

17573

ditto

Mosses, hepatic collected
at 5000 - 5200 ft. near

17574 Valle Nuevo. See, 4 in
original pine forest, ✓
H. A. Allard

17575

ditto ✓

17576

ditto ✓

17577

ditto ✓

17578

ditto ✓

17579

ditto ✓

17580

ditto ✓

Mosses, hepatic
(on earth, wood (dead) ✓

17581

trees etc., at 5000 - 5200 ft. near Valle Nuevo in original pine forest. In ravines and on steep slopes. See, 4 H. A. Allard

17582

ditto ✓

17583

ditto ✓

17584

ditto ✓

17585

ditto ✓

17586

ditto ✓

17587

ditto ✓

Mosses, hepatics collected
on slopes, in ravines near
Valle Nuevo at 5000-5200 ft
17588 Dec. 4, 1947, H.A. Allard
on logs, bark, ground etc. ✓

17589

ditto ✓

17590

ditto ✓

17591

ditto ✓

17592

ditto ✓

17593

ditto ✓

17594

ditto ✓

Mosses, hepatics etc
on logs, ground, trees etc
17595 near # 17588 Dec. 4. ✓

17596

Thin ferns high in
branches of tall forest
+ tree broad leaved
Near # 17595 ditto

17597

Mosses
Near # 17588
Dec. 4. ✓

17598

ditto ✓

17599

ditto ✓

17600

ditto ✓

17601

ditto ✓

Mosses, hepatics collected
near Valle Nuevo at 5000-5200 ft.
in ravines and on slopes

17602 near highway to Valle Nuevo ✓
Dec. 4, 1947. H.A. Allard

↓ ditto

17603 ✓

↓ ditto

17604 ✓

17604a lichens ✓

↓ ditto ✓

17605

↓ ditto

17606 ✓

17606a ✓

↓ ditto

17607 ✓

17607a lichens ✓

↓ ditto

17608 ✓

Mosses, hepatics
near # 17602

17609 at 5000-5200 ft. ✓
near Valle Nuevo.
Dec. 4
H.A. Allard

↓ ditto

17610 ✓

↓ ditto

17611 ✓

17611a ✓

↓ ditto

17612 ✓

↓ Mosses

17613

near # 17602
Dec. 4

Lycopodium

17614 ✓

Near # 17602
Dec. 4

Lycopodium

17615 ✓

Near # 17602

17616

Mosses, hepatic
in original pine forest
near Valle Nuevo, ad H. A. Allard
5000 - 5200 feet
on mountain sides, in ravine
Dec. 4, near highway. ✓

17617

ditto ✓

17618

ditto ✓

17619

ditto ✓

17620

ditto ✓

17621

ditto ✓

17622

ditto ✓

Mosses -

Near # 17616

17623

Dec. 4 ✓
at 5000 - 5200 ft.
H. A. Allard.

17624

Bromeliads fl. purplish
near Jacabaro ^{red}
on tree (jarilla) ✓
Dec. 5, 1947 H. A. Allard

17625

Bromeliads
on same tree with ditto
17624 Dec. 5

17626

Bromeliad
with # 17624 ditto
on same tree Dec. 5

17627

Fern - on tree trunk
near # 17616 - Dec. 4. ✓

17628

Small leaved plant
not in flower, on tree trunk
near # 17616 leaf not ripe
Dec. 4 ✓

17629

Piper - on tree trunk
near # 17616 Dec. 4
Leaves whorled in 4's ✓

Small fern on trees trunks
near Valle Nuevo at 5000-5200 ft.
near highway from Constanza to Valle Nuevo
Dec. 4, 1947, F.A. Allard. In pine
forest of original growth, ✓

17630

Piper, on banks
Near # 17630

17631

Dec. 4

17632

fern on tree trunks

fronds entire
narrow

Near # 17630 ✓

17633

Polypodium -

on trees near # 17630 ✓

silvery surf (scales) on upper surface
of fronds) Dec. 4

17634

Tiny fern on trees

Near # 17630 ✓

Dec. 4

17635

Small, entire leaved fern
on tree trunk and branches
near # 17630 Dec. 4 ✓

17636

Small, pinnate fern -
on tree branches near
17630. Dec. 4 ✓

Parasite - mistletoe -
on tree trunk near # 17630
Dec. 4 Thick green
fleshy stems only

17637

17638

Small entire fronds
fern on tree near # 17630
Dec. 4 ✓

17639

Bromeliad -

on tree near # 17630
Rather broad leaves,
Dec. 4 ✓

17640

Bromeliad on tree
near # 17630

Very narrow leaves.
Dec. 4 ✓

17641

Bracketed fungi

on tree near # 17630
for Path Dec. 4

17642

Bracketed fungus
on tree near # 17630
Dec. 4 ✓

17643

Filmy fern
on ledges near
17630 in crevice.
Dec. 4 ✓

17644

Filmy fern
on rocks crevices on
ledges near Valle Nuevo
at 5000-5200 ft. Dec. 4 ✓
on steep mountain slopes
in original pine and cloud forest,

17645

Filmy fern on tall broad leaved
fern on limbs near # 17644. ✓
50-60 ft from ground,
Dec. 4. ✓

17646

Lichens on bark etc
Near # 17644 ✓
Dec. 4

17647

ditto ✓

17648

yellow fruticose lichen
on tree near # 17644 ✓
Dec. 4

17649

Lichens on trees
near # 17644
Dec. 4

17650

Lichen fruticose on
bark of jarilla tree ✓
near Jarabacoa, at 1600 ft,
Dec. 5

17651

Lichens on bark, at 5200 ft,
near Valle Nuevo - growing in
basses. whitish green
or nearly white.
Dec. 4. H.A.G. ✓

17652

Cladonia on bark
with # 17651 ✓
Dec. 4

17653

Lichens on trees ✓
Panniclias etc,
Near # 17644
Dec. 4

17654

Fruticose lichens
on pine trees ✓
near # 17644
Dec. 4

17655

Lichens Cladonia (mats)
on soil on banks
in pines. Dec. 4 ✓
Near # 17644

17656

ditto ✓

17657

ditto ✓

17658

Lichens on naked
spots in pine woods near
Valle Nuevo at 5200 feet.
Dec. 4. H. A. Allard.
In original pine forest.

17659

ditto

17660

ditto

17661

ditto

17662

ditto

17663

Lichens on trees
etc.
Dec. 4
Near # 17658

17664

yellow, fruticose
lichen on trees
near # 17658

17665

Lichens on bare spots
In original pine forest
near # 17658 Dec. 4

17666

fruticose ^{lichen} on trees

17667

ditto

17668

ditto

17669

ditto

17670

ditto

17671

Olive green
fruticose lichen
on pine tree near
17658 Dec. 4

Lichens on trees etc
near Valle Nuevo at 5200 ft
Dec. 4 in original pine
forest. H. Callard. ✓
In cloud forest.

17672
17673 ditto ✓

17674 ditto ✓

17675 ditto

17676 ditto ✓

17677 ditto ✓

17678 ditto ✓

Tree lichens
near # 17672

17679

Dec. 4 ✓

17680

ditto ✓

17681

ditto ✓

17682

ditto ✓

17683

fern in
tree near # 17672 ✓

17684

Dec. 4
Polypodium
fern
on tree near # 17672
very small Dec. 4 ✓

17685

Lichens on Dec. 4 ✓
trees and soil
near # 17672.

17686 Cladonia - red fruiting
bodies on logs etc near
Valle Nuevo at 5200 ft
Dec. 4, in orig. pine forest.
H.A.A.

17687 same Cladonia
Dec 4
near # 17686 ✓

17688 Cladonia
Near 17686 ✓

17689 ditto Cladonia ✓

17690 ditto
More
Near # 17686 ✓

17691 Lichens on bark
etc near # 17686 ✓

17692 ditto ✓

Lichens on bark of
trees etc., near # 17686

17693

Dec. 4
H.A.A. ✓

17694

ditto ✓

17695

ditto ✓

17696

ditto ✓

17697

ditto ✓

17698

ditto ✓

17699

ditto ✓

Lichens on bark etc
at 5200 ft near Valle
Nuevo, in orig. pine
forest, in cloud zone ✓
Dec. 4, 1947
H.A. Allard

17700

17701

ditto

17702

ditto

17703

ditto

17704

ditto

17705

ditto

17706

ditto

Lichens on trees
bark etc., near # 17700
Dec. 4
H.A. Allard

17707

17708

ditto

17709

ditto

17710

ditto

17711

ditto

17712

ditto

17713

ditto

Lichens on trees, bark etc
in orig. pine forest at 5200 ft
17714 near Valle Nueva
Dec. 4, 1947 ✓
H. A. Allard

17715

ditto

✓

17716

ditto

✓

17717

ditto

✓

17718

ditto

✓

17719

ditto

✓

17720

ditto

✓

Lichens - Cladonia
etc, on soil and
17721 forest floor debris - near
17714 Dec. 4 ✓

17722

ditto

✓

17723

ditto

✓

17724

ditto

✓

17725

ditto

✓

17726

ditto

✓

17727

ditto

✓

17728

Lichens on soil
etc., near Valle Nuevo
at 5300 ft., in orig. pine
forest, Dec. 4, 1947
H.A. Allard

17729

ditto

✓

17730

ditto

✓

17731

ditto

✓

17732

ditto

✓

17733

ditto

✓

17734

ditto

✓

17735

Lichens on soil
etc., near # 17728
Dec. 4 ✓

17736

ditto

✓

17737

ditto

✓

17738

Truncicose lichen
on trees near # 17728
Dec. 4

17739

ditto

✓

17740

Lichens on soil
Near # 17728
Dec. 4

17741

ditto

✓

17742

Cladonia on soil
in orig. pine forest
near Valle Nuevo at
5200 ft. Dec. 4, 1947
H. A. Allard

17743

ditto Near #17742

17744

ditto

17745

ditto

17746

ditto

17747

ditto for Path
Near #17742
May be fungus
(on wood) Dec. 4

17748

Lichens on bark etc
Near #17742

17749

Lichens on bark etc
in cloud forest near
#17742 Dec. 4

17750

ditto

17751

Fern - on tree
near #17742
Dec. 4

17752

Filmy fern?
in rock crevices on ledge
near #17742 Dec. 4

17752a

17753

Filmy fern high up
on branch of tree (Dec. 4)
near #17742

17754

Mosses (many)
Near #17742 Dec. 4

17755

Mosses (many)
Near #17742

Hepatic - on bark
at 5200 ft., near Valle Vnervo
17756 in cloud forest. Dec. 4. ✓
In original pine forest.
Ha. Allard.

17757 Ficus, fern
On rocks and bark ✓
near # 17756
Dec. 4

17758 Lichens on soil.
Near No 17756 ✓
Dec. 4

17759 Cladonias
On soil near # 17756
Dec. 4

17760 Lichens on bark
near # 17756 ✓
Dec. 4

17761 Lichens on bark
near # 17756. ✓
Dec. 4

17762 Lichens on bark etc.
Near # 17756 ✓

Lichens on bark
Near # 17756
17763 Dec. 4 ✓

17764 Lichens on bark.
Cladonia on soil
Near # 17756.
Dec. 4

17765 Lichens on soil,
bark etc. ✓
Near # 17756
Dec. 4

17766 Mosses
on soil, trees etc. ✓
Near # 17756 Dec. 4

17767 Luf fungi
Piedra Blanca
Nov. 5, 1947. Ha. Allard

17768 Lichens on
leaf, Piedra Blanca ✓
Nov. 5, 1947.
Ha. Allard

17769 Bromeliad in
tree near Garabaroa
Dec. 5 - (with 17624, on same tree) ✓

Heaster - on soil in
cloud forest at 5200 ft. near Valle Nuevo
177770 Dec 4, 1947, in original
pine forest. H.A. Allard.

On knob or loma near Piedra
blanca (South) in ravine etc. 1000-1100 ft.
177771 in altitude. Dec. 10, 1947
H.A. Allard.

✓ Parasite in dense clusters on legume
tree near Goodrich rubber grove
on Luga laurel, a legume.

177772 Tree at rubber grove near
Goodrich plantation; introduced
some years ago from Puerto Rico,
fl. showy, yellow, in terminal
panicles.

177773 False banana - a large herb
with huge erect yellow flowers
✓ aulike in one place. In deep
ravine at 1000-1100 feet; 15-20 feet tall.

177774 Shrub near # 177773
Berries dark blue black -

✓ 177775 Piper.
In ravine, heavily wooded,
with # 177773

177776 Slender climbing fern
clinging to tree trunks by roots
appressing itself to trunk - 10-15
ft. tall. In ravine with # 177773.

Mosses on logs, banks etc
in deep, damp, shaded ravine
177777 near # 177773, Dec. 10

✓ 177778 *Olyra latifolia*, at 1100 feet
in ravine near # 177773.

177779 Climbing, scrambling bamboo-like
Near # 177778 - In ravine.

177780 Tall shrub, 7-10 ft; fl. yellow
near # 177778 Dec. 10

✓ 177781 Shrub. On edge of
woods near # 177778; fl. yellow,

✓ 177782 Scrambling, climbing shrub,
fl. white, near # 177778.

✓ 177783 Smilax-like climber; fl. yellowish
near # 177778,
fl. red, - is it a clematis?

Pepper - solanum, ripe fruit red, very hot. at edge of thicket at 1100 feet
Dec. 10. on knob 1100 ft. in alt.
17784 beyond Goodrich rubber grove near Piedra Blanca - H.A. Allard
✓ Tall ^{woody} panicum - near #17784

17785

17786 vine - fl. crimson, showy;
near # 17784,

17787 Composite; fl. greenish.
✓ at top of knob at edge of planting; near # 17784

17788 fl. greenish white - Near
17784 at edge of clearing.
✓ Composite

17789 Tiny beautiful mushroom,
all gills just at cream with red or magenta lines. on leaf mold on trail to rubber grove (Goodrich) near Piedra Blanca. Dec. 10

17790 Ipomoea; fl. deep rose,
common along trail near
17789

Tall shrubby legume -
fl. purple, on experimental
17791 grounds at Piedra Blanca
rubber station; introduced
✓ and thriving. For stock food.

17792 Tall legume introduced from
southern tropics; fl. purple -
✓ for stock. Near # 17791.

17793 Tall shrubby legume
introduced from southern
✓ tropics; near # 17791; fl. reddish
for stock. purple.

17794 Narrow ponds - fern
on tree in deep ravine at
1000-1100 ft near # 17784 ✓

17795 Rosette plant - On sides
of steep ravine near # 17784
Dec 10
part flowering

17796 Pilea trailing, in deep
ravine near # 17795,
Dec 10
✓

17797 Lichens on leaves in
deep ravine near # 17796
Dec 10 ✓

Lichens in groups of four
in deep ravine on bark at 1000 ✓
17798 to 1100 feet high - beyond Piedra Blanca
rather porous at Piedra Blanca
Dec. 10, H.A. Allard 1942

Lichens on leaves
near # 17798 ✓

17800 Mosses, hepatic in
deep, dark ravine on soil, logs ✓
bark etc at 1000 to 1100 ft near
17798

17801 ditto - on tree ✓

17802 ditto on tree ✓

17803 ditto ✓

17804 ditto ✓

Mosses, hepatic bark, logs etc
with # 17800 Dec. 10
H.A. Allard ✓

17805 ditto ✓

17806 ditto ✓

17807 ditto ✓

17808 ditto on bark ✓

17809 ditto on trees etc ✓

17810 ditto ✓

17811 ditto ✓

Mosses, hepatic in dar, wet
ravine on knob beyond SW. of
Goodrich rubber grove at Piedra
17812 Blama - at 1000 to 1100 feet
Dec. 10, 1947. H.A.A.

ditto - on log

17813

17814

ditto
on soil in very
heavy shaded ravine

17815

ditto on soil etc.

17816

ditto

17817

ditto

17818

ditto

Mosses, hepatic near
17812

17819

ditto

17820

17821

ditto

17822

ditto

17823

ditto

17824

ditto

17825

ditto

17825a lichen

Mosses, hepatic
on logs, soil, bark of trees
etc. in deep, wet ravine on
17826 knob S.W. of Piedra Blanca
rubber grove at 1000 - 1200 ft. Dec. 10

- 17827 ditto ✓
- 17828 ditto ✓
- 17829 ditto ✓
- 17830 ditto ✓
- 17831 ditto ✓
- 17832 ditto ✓

Near # 17826 same date
data
Dec. 10

- 17833
- 17834 ditto ✓
- 17835 ditto ✓
- 17836 ditto ✓
- 17837 ditto ✓
- 17838 ditto ✓
- 17839 ditto ✓
- 17839a ✓

Mosses, hepaticae
on shrub at 1000-1200 feet in
17840 deep ravine ~~South west~~ ✓
of Goodrich rubber grove at Piedra
Blanca, Dec. 10. N.A. Allard

17841

ditto ✓

17842

ditto ✓

17843

ditto ✓

17844

ditto ✓

17845

ditto ✓

17846

ditto ✓

Near # 17840
Mosses, hepaticae

17847

same
date,
data!

17848

ditto ✓

17849

ditto ✓

17850

ditto ✓

17851

ditto ✓

17852

ditto ✓

17853

ditto ✓

Mosses, hepatic collected on
Loma or knob S.W. of Goodrich rubber
rover at 1000-1700 ft in deep
17854 ravines. Dec. 10, 1947
H.A. Allard

17855 filmy fern $\frac{3}{4}$ on trunk
near # 17854 ✓ ✓

17855a
17855 fern ditto ✓

17856 young manacle palm
(See Moscoro) near # 17854
Dec. 10 ✓

17857 Mosses - hepatic with
17854 ✓

17858 ditto ✓

17859 ditto ✓

17860 filmy fern $\frac{3}{4}$
near # 17854 ✓

17860a fern ✓

Mosses hepatic with
17854 Dec. 10, 47
H.A.A.

17861 ✓

17862 ditto ✓

17863 ditto ✓

17864 ditto ✓

17865 ditto ✓

17866 ditto ✓

17867 ditto ✓

Mosses, hepatic collected
on loma or knob in deep ravines
S.W. of Goodrich rubber grove, Piedra
Blanca, Dec. 10, 1947
at 1000/-1100 ft. G.O.A. ✓

17869

ditto ✓

17870

ditto ✓

17871

ditto ✓

17872

ditto ✓

17873

ditto ✓

17874

ditto ✓

Mosses, hepatic
near # 17868

same
date
etc

17875

17876

ditto ✓

17877

ditto ✓

17878

ditto ✓

17879

Pilea
in ravine on bank with
17868
✓

17880

near Lichens on bark
near # 17868. ✓

17881

Lichens on fern frond
near # 17868 ✓

White bracketed fungi on log
in deep ravine s.w. of Piedra Blanca
17882 rubber gorse of Piedra Blanca
at 1000-1100 ft on ^{Turkey} ~~Florida~~ ^{Dec. 10. 1947} ~~Dec. 10. 1947~~ ^{for path} ✓

17883 Mosses, hepaticae
near # 17882. ✓

17884 ditto ✓

17885 Hepaticae on bark of
big mango tree at Ciudad
Trujillo Dec. 13, 1947 ✓

17886 Mosses, hepaticae on
coral rock, trees etc, west of
Ciudad Trujillo in high place. ✓
Dec. 14, 1947 H.A. Allard,

17887 On bark. ✓

17888 ditto On dead wood ✓

Mosses, hepaticae on
dead bark, trees etc
17889 near # 17886 - all on
coral rock formation ✓ same date
etc,

17890 ditto ✓

17891 ditto ✓

17892 ditto ✓

17893 ditto ✓

17894 white lichens on bark
near # 17886 Dec. 14 ✓

17895 green lichens on
tree, near # 17886 ✓ ditto

Lichens on trees, bark etc.,
on coral rock formations west of H.O.A.
17896 Ciudad Trujillo. Dec. 14, 1947 ✓

17897 ditto ✓

17898 ditto ✓

17899 ditto ✓

17900 ditto ✓

17901 ditto ✓

17902 ditto ✓

Mosses, hepatics
on bark of trees etc.,
17903 near # 17896 Dec. 14 ✓

17904 Lichens near # 17896 ✓

17905 ditto ✓

17906 ditto

17907 ditto ✓

17908 Mosses, hepatics
near # 17896, Dec. 14 ✓

17909 ditto ✓

Mosses, hepatic on bark etc.,
on coral rock formation near
17910 of Ciudad Trujillo, Dec. 14
H. A. Allard

ditto

17911

✓

17912 Lichens - black, near
17910 Dec. 14 ✓

17913 Mosses, hepatic on bark
of strangling fig - near #
17910 Dec. 14 ✓

17914

ditto

✓

17915

ditto

✓

17916

ditto

✓

white lichen on trunk of
trees near # 17910. Dec. 14

17917

ditto

✓

17918

ditto

✓

17919

ditto

✓

17920

ditto

✓

17921

Mosses, hepatic
living on bark near # 17910 Dec. 14 ✓

17922

ditto

✓

17923

on guilla tree
Hura crepitans. ✓

Mosses, lichens on trees
etc west of Ciudad Trujillo
on coral rock formations

Dec. 14, 1947 H.A.A. ✓

17924

↓ ditto

17925

17926

↓ ditto ✓

17927

↓ ditto ✓

17928

Lichens on bark etc -
- white - ✓

17929

↓ Lichens near # 17924 ✓

17930

↓ ditto ✓

Lichens on trees near
17924 Dec. 14

17931 ✓

17932

Hepaticae, mosses
on bark near # 17924
✓ Dec. 14

17933

↓ ditto ✓

17934

↓ ditto ✓

17935

↓ ditto ✓

17936

Lichen near # 17924
Dec. 14. On tree ✓

17937

Mosses, hepaticae on
coral rock - Dec. 14
✓

Masses, lichens on coral
rock on turn of road of Ciudad
Trujillo Dec. 14, 1947
17938 H.A. Allard

Lichen or fungus on
leaf. west of Ciudad
Trujillo, near # 17938 Dec. 14
for Path -

17940 Twig with leaf spots -
for Path. Near # 17938
✓ Sp. of shrub? Dec. 14

17941 Grass, very tall, scrambling.
8-10 ft. Near # 17938
Dec. 14

17942 Leaves of # 17940
with leaf spot
near # 17938

17943 Solanum
6-8 feet tall.
✓ Near # 17938

17944 Rhallid - crimson
entire, waxy brown white
base, in lawn Ciudad Trujillo,
Dec. 15, 1947. H.A.A.

Shrub (low) common, used for
brooms - called Escoba de puerco
17945 fl. yellow, Piedad Blanca - ex bridge,
Dec. 17, 1947, H.A. Allard

17942 Is this Coccoloba rensonii

crimson
17945
to near # 17945

f - hips -
17945

laid
then experimentally
na, an escape
nple Dec. 17
in trees
H.A.

on trail
2 roses
called
steep stems, used
No leaf spot
see -

ling, fl. white
purple lines

17951 In thickets near # 17949
Tree near woodchuck rubber grove;
fl. deep rose; fragrant; upper petals crimson
✓ blotched and lined. sp.

Dec. 17

Mosses, lichens on coral
rock outcrop west of Ciudad
Trujillo Dec. 14, 1947
17938 H.A. Allard

Lichen or fungus on
leaf. west of Ciudad
Trujillo, near # 17938 Dec. 14
for Path -

17940 Tree with leaf spots -
for Path. Near # 17938
✓ Sp. of shrub? Dec. 14

17941 Grass, very tall, scrambling.
8-10 ft. Near # 17938
Dec. 14

17942 Leaves of # 17940
with leaf spot
near # 17938

17943 Solanum
6-8 feet tall.
✓ Near # 17938

17944 Phalloid - crimson
entire, waxy brown white
base, in hamm Ciudad Trujillo,
Dec. 15, 1947. H.A.A.

Shrub (low) common, used for
brooms - called Escoba de puerco
17945 fl. yellow, Piedra Blanca - at bridge,
Dec. 17, 1947, H.A. Allard

17946 Shrub 4-5 ft; fl. crimson
✓ very showy. Near # 17945
in moist thickets near # 17945

17947 Trailing over stump - Piper -
in woods near # 17945

17948 Pueraria phaseoloides
✓ In fields at rubber experimental
station, Piedra Blanca. An escape
everywhere. fl. purple Dec. 17
climber 25-30 feet in trees
H.A.A.

17949 White flowered - on trail
near Goodrich rubber grove
near Piedra Blanca - called
Juana la Blanca, steep leaves; used
in lung troubles. No leaf spot
See -

17950 ✓ Centrosema - high climbing, fl. white
turning cream; standard with purple lines
in thickets near # 17949

17951 Tree near Goodrich rubber grove;
fl. deep rose; fragrant; outer petals crimson
✓ blotched and lined. sp.
Dec. 17

At Goodrich rubber station
Piedra Blanca near house built
for overseer, scrambling - very
beautiful crimson fls. ^{some flowers open}
from Puerto Rico, Dec, 17, H.A. Allard

Long slender - on trail
near # 17952. Dec, 17,
17953 Has leaf spot - see -

17954 Fern. In deep ^{wooded} ravine near
Goodrich rubber grove - Dec, 17 ✓

17955 High climbing woody vine
with large pods - on very long horizontal
peduncles, leaves large - ojo de buaya -
✓ Macuna urens Harms & Rendle (?)

17956 Piper - trailing. On moist covered
stump in deep woods in ravine
near # 17954. Dec, 17. ✓

17957 Fruticose lichens in top of
enormous Algarroba tree felled,
in deep wooded ravine near Goodrich
rubber grove near Piedra Blanca Dec 17, 17 ✓
H.A. Allard

17958 Hepatic or moss on tree
trunk near # 17957. Chooser leaves
when dry; opens them - greenish when
moist and very beautiful. ✓

Mosses etc on tree trunk
near # 17957. same date
data

17959 ✓

17960 Trailing fern. on tree trunk
in deep ravine with brook -
on trail to Goodrich rubber grove,
Dec, 17, 1947 H.A. Allard ✓

17961 Mosses hepatic on trees,
logs etc., near # 17957. ditto
✓ Dec, 17

17962 Mosses on fall log,
near # 17957 Dec, 17 ditto
✓

17963 Mosses, hepatic on
bark of tree etc Dec, 17 ✓
near # 17957

17964 ditto ✓

17965 ditto ✓

Moses, hepatic in
ravine near Piedra Blanca -
near Goodrich rubber grove
17966 on trees, lost at Dec. 17, 1947. N.A. 9 V

17967

ditto

✓

17968

ditto

✓

17969

ditto

✓

17970

ditto

✓

17971

ditto

✓

17972

✓

Moses, hepatic
near # 17966 same data,
date,
etc.

17973

✓

17974

ditto

✓

17975

ditto

✓

17976

ditto

✓

17977

ditto

✓

17978

ditto

✓

17979

ditto

✓

Mosses, hepatic on bark,
trees etc in ravines near
Piedra Blanca, near Goodrich
17980 Rubber grove, Dec. 17, 47
H.A. Allard ✓

17981

ditto ✓

17982

ditto ✓

17983

ditto ✓

17984

ditto ✓

17985

ditto ✓

17986

ditto ✓

Mosses, hepatic
near # 17980

Same date
data

17987

17988

ditto ✓

17988a

ditto ✓

17989

ditto ✓

17990

ditto ✓

17991

ditto ✓

17992

ditto ✓

17993

ditto ✓

Mosses, hepatic in ravines
near Piedra Blanca near and around,
Goodrich Rubber grove, Dec. 17, 47
H.A. Allard

17994

ditto

17995

✓

17996

ditto

✓

17997

ditto

✓

17998

ditto

✓

17999

ditto

✓

18000

ditto

✓

Mosses, hepatic
on trees, bark etc., near
17994 Dec. 17
H.A. Allard.

18001

✓

18002

ditto

✓

18003

ditto

✓

18004

ditto

✓

18005

ditto

✓

18006

ditto

✓

18007

ditto

✓

Mosses, hepaticae on trunks
of trees, logs etc., in wooded ravines,
near and around Piedra Blanca,
18008 near Goodrich rubber groves Dec, 17
H.A. Allard

18009 ditto ✓

18010 ditto ✓

18011 ditto ✓

18012 ditto ✓

18013 ditto ✓

18014 ditto

Mosses, hepaticae
near # 18008. Dec. 17, '17
H.A. Allard

18015 ✓

18016 ditto ✓

18017 ditto ✓

18018 ditto ✓

18019 ditto

18020 ditto ✓

18021 ditto ✓

Lichens etc.
on logs, bark of trees etc
near Piedra Blanca in deep
18022 wooded ravine near Goodrich
rubber grove, Dec, 17, 1947
H.A. Allard, ✓

18023 ditto ✓

18024 ditto ✓

18025 ditto ✓

18026 ditto ✓

18027 ditto ✓

18028 ditto ✓

Lichens on trees, logs
etc., near # 18022. Dec, 17, 47
H.A. Allard, ✓

18029

18030 ditto ✓

18031 ditto ✓

18032 ditto ✓

18033 ditto ✓

18034

Mosses, hepatics
near # 18022, Dec, 17,
✓

18035

Orchid. on tree
near # 18022, Dec, 17
✓

Flower and leaf of *Santibonaria*
pipe vine - ad. pool - near
18036 Goodrich rubber grove - on trail
from Piedra Blanca, Dec. 17, 47
very odd.

Small flowered *Ipomoea*
or *Jacquinella*. West of Ciudad
18037 Trujillo in thickets,
Dec. 19, 1947.

Long, narrow fronds of fern
18038 *Misla* near ^{the} caves, Dec. 21, 1947
Two clumps growing on coral cliff,
west of Ciudad Trujillo ✓

Moss on dead stump
18039 near # 18038 Dec. 21
✓

Mosses, hepatics
18040 near # 18038 on coral
outcrops, cliffs ✓
18040a L

18041 ditto ✓

18042 ditto ✓

Vine on coral outcrops
and cliffs near # 18038
18043 Dec. 21,

Mosses, hepatics on
her logs near # 18038
18044 Dec. 21, in ravine at
big cores in coral rocks west of
Ciudad Trujillo

18045 ditto ✓

18046 ditto

18047 ditto ✓

18048 ditto ✓

18049 ditto ✓

Mosses, hepatics on
logs, etc. ~~near~~ big caves
18050 in coral rock west of Ciudad
Tanguillo. Dec. 21, 1947
(on dead wood, logs) ✓

18051 Mosses on coral rocks
near # 18050 ✓

18052 Mosses on coral rocks
near # 18050 ✓

18053 On bark near base of
jaquilla tree near
18050 ✓

18054 ditto ✓

18055 ditto ✓

18056 ditto ✓

Mosses, hepatics on rocks
(coral) near # 18050
Dec. 21 ✓

18057

ditto ✓

18058

18059

Leaf with thin
lichens on upper surface ✓
near # 18050

18060

Bracketed fungi (white)
on old log near # 18050 ✓

18060a

ditto ✓
Dec. 21, ✓

18061

Mosses, hepatics on
coral cliffs near # 18050 ✓
Dec. 21

18062

Lichens also
ditto ✓

18063

ditto ✓

Mosses, hepaticae, deep
on coral cliff outcrops in ravine
at big cave west of Ciudad ☒
18064 Triunfo, Dec 21, 47 Haa

ditto Near # 18064

18065

ditto ☒

18066

ditto ☒

18067

ditto ☒

18068

ditto ☒

18069

ditto ☒

18070

Mosses, hepaticae ☒
on coral rocks with ☒
18064 Dec. 21

18071

ditto ☒

18072

ditto ☒

18073

ditto ☒

18074

Lichens Mosses, hepaticae ☒
on bark of tree Dec. 21
near # 18064

18075

ditto ☒

18076

ditto ☒

18077

Balsam de Indio - Tall
climbing woody vine, along
Máximo, river near bridge

18078 at Piedra Blanca, Dec. 23, 47
H. G. Allard

Gouania lupuloides (L.) Urb.

18079 Same - (Enormous pods) in
Near # 18078 - fl. in short flowers,
dense spikes,
greenish.

18080 Pipe vine - leaves of
18036. Near Goodrich
rubber grove on trail - Piedra
Blanca, Dec. 23.

18081 Vine; fl. yellow.
In pine forest north of Piedra
Blanca on slope. Dec. 23.

18082 Vine (woody) near # 18081
fl. greenish Dec. 23
Near # 18081

18083 Composite; fl. yellow
In pine forest near # 18081

18084 fl. yellow.
In pine forest near # 18081

Shrub; fl. white. In pine
forest with # 18081. Dec. 23

18085

18086 Shrub; fl. yellow.
In pine forest near # 18081.
Dec. 23.

18087 Tree - tall -; fruit green
- large panicles.
On trail to rubber grove (Goodrich)
beyond Piedra Blanca. Dec. 23

18088 Cactus; fl. pink
In thicket near # 18087.

18089 Black gum on underside
guava leaves; near # 18087,
Dec. 23
all on some trees.

18090 Epiphytic Pilea; on orange
tree in woods near # 18087
Dec. 23

18091 Bromeliad - on Calafate
tree in woods near # 18087
Dec. 23

Lichens on leaves of Dec. 23.
Scleria

18092

In dense ~~ed~~ thickets on
trail to ~~wood~~ ~~rich~~ ~~upper~~ ~~gorges~~
~~eyond Piedra Blanca.~~

Orchid on Calabash tree
(Black Summit of leaves) or lichen,

18093

Near # 18092.

18094

Orchid. fl purplish red dots,
Summit on leaves; same
as # 18093. On
same tree

18095

Orchid - on tree with
18093

18096

Epiphytic Pilea, on top
of same tree with # 18093
Leaves thick, dark green,

18097

Orchid; small white
fl, on same tree with
18093.

18098

Leaves of # 18099
with rust beneath
for Path. Near # 18092

bluish white; in thickets
with # 18092

18099

Dec. 23,

(Rust on undersurface of
leaves of plants)

Pilea on old log and
stump; near # 18092

18100

18101

Lichens on leaves
of Pomme de rose
Near # 18092, Dec. 23

18102

Shrub; fl. yellow
3-4 ft. In damp woods
near # 18092, Dec. 23

18103

Mosses, hepatics on trees
logs etc in woods and ravines
near Piedra Blanca Dec. 23,
near # 18092 -

18104

ditto

18105

ditto

Mosses, hepatic on trees, stumps
etc. west of Piedra Blanca in ravines
etc. Dec. 23, 1947. H. A. Allard

18106

✓ ✓

18107

ditto

✓

18108

ditto

✓

18109

ditto

✓

18110

ditto

✓

18111

ditto

✓

18112

ditto

✓

Mosses, hepatic on trees
18106 Dec. 23

18113

✓

18114

ditto

✓

18115

ditto

✓

18116

ditto

18117

ditto

✓

18118

ditto

18119

ditto

✓

18120

Mosses, liverworts on
logs, trees etc. in ravines
on slopes etc. west of Piedra
Blanca, Dec. 23, N. G. Allard

✓

18121

ditto

✓

18122

ditto

✓

18123

ditto

✓

18124

ditto

✓

18125

ditto

✓

18126

ditto

Mosses, liverworts
near # 18120 Dec. 23

18127

✓

ditto

18128

✓

18129

ditto

✓

18130

ditto

18131

ditto

✓

18132

ditto

✓

18133

ditto

✓

Mosses, liverworts in
rainforest, on slopes - on trees, logs
etc., west of Piedra Blanca,
Dec. 23, 1947, H.A.A. ✓

18134

ditto ✓

18135

ditto ✓

18136

ditto ✓

18137

ditto ✓

18138

ditto ✓

18139

ditto ✓

18140

Mosses, hepatics, near
18134 Dec. 23

18141 ✓

ditto ✓

18142

ditto ✓

18143

ditto ✓

18144

ditto ✓

18145

ditto ✓

18146

ditto ✓

18147

Mosses, Lycopodium on logs, bark
etc. near Piedra Blanca in
rainforest Dec. 23, 1947
H.A. Allard

18148

18148a *Lycopodium* ✓

18149

ditto

✓

18150

ditto

18151

ditto

✓

18152

ditto

18153

ditto

✓

18154

ditto

✓

Mosses, Lycopodium near
18148 Dec. 23

18155

✓

18156

ditto

✓

18157

ditto

✓

18158

ditto

✓

18159

ditto

✓

18160

filmy fern -
on trees in ravine
near # 18148. Dec. 23 ✓

18161

Fern - short oblong
bronds. on tree near
18148. Polypodium? ✓
Dec. 23

Mosses - hepatic
on logs, trees etc. near of Piedra Blanca
in ravines etc. ✓

18162

Dec. 23, 1947. Tag

Lichens -
on trees, logs etc
near # 18162

18163

✓

18164

ditto

✓

18165

ditto

✓

18166

ditto

✓

18167

ditto

✓

18168

ditto

✓

Lichens -
near # 18162 Dec. 23

18169

✓

18170

ditto

✓

18171

ditto

✓

18172

ditto

✓

18173

ditto

✓

18174

ditto

✓

18175

ditto

✓

slate Purple fungus (flat) on
bark in woods on tree
18176 near Piedra Blanca, ✓
for Path! Dec. 23, 47 H.A.G.

Hepatic on roots of orchid
bush in tree near # 18176

18177 Dec. 23, 1947 ✓

18178 weed in Allard's lawn, Ciudad
Trujillo, long - ascending - 8-12
inches tall, with small purplish blue
flowers, presumably an *Ceanothus*.
Dec. 24, 1947

18179 Needles of 4-5 leaved pine
Pinus occidentalis var with
one or two yellow spots on the needles.
(from Piedra Blanca) Dec 23, 1947 ✓

18180 Fungus spots on cacao
bark - Piedra Blanca, Dec. 23,
fruit white - sprinkled with
spots. ✓

18181 *Quartiana* - so-called? -
fl. red, pendent like *Hibiscus* -
at Alcazar Colon - tall tree, showy -
Dec. 28, 1947 - Ciudad Trujillo, ✓
with many other things.

18182 Legume - tree Ciudad
Trujillo - ~~food~~ flat -
see photo. Dec. 28, 47 H.A.G.

Ceanothus - fl. purplish blue
Roadside west of Ciudad
Trujillo Dec. 28, H.A.G.

18183

18184 Trailing - climbing: fl.
pure white, even in throat
west of Ciudad Trujillo
by roadside - Dec. 28. 47
H.A.G.

18185 *Art. folia* - here & left - at
foot of Loma Camfana - 1200 feet -
Dec. 31, 1947. - *Alrehaea*
(in stomach & steeped)

18186 *Cassellela* - Near # 18185
shrub - January 1 ditto

18187 Along Los Platanos Rio -
at 1200-1300 feet. January 1, 47 ditto
Tall shrub or small tree
fl. small whitish

18188 Fern - in canyon or ravine of
Los Platanos Rio -
Jan. 1, 1948 - at 1200 feet, ✓
[1948]

18189 Near # 18188 - Fern - ditto
like shield fern, Jan. 1
✓

✓
18190

Legume - fl scarlet - shrub, woody,
In shrine of Los Platanos Rio
at foot of Loma Campana
at 1200-1400 ft. Jan. 1, '48
H.A.A.

18191

Orchid on tree - near
18190 Jan. 1, '48

18192

White fungus on bark of
tree; near # 18190; luminous
in dark! ✓

18193

Orchid on tree Dec. 31, '47
On Loma Campana
fl. very tiny, crimson.
at 3000 feet. H.A.A.

18194

climbing fern - In orig. forest
near # 18193 - Dec. 31, '47 ✓

18195

Top of Loma Campana
at 3400 ft. Dec. 31, '47
In orig. forest. H.A.A.

18196

Smilax. with # 18195
ditto ✓

18197

Sedge, in clumps at 3400 ft.
in cloud and rain mass forest
on top of Loma Campana,
Dec. 31, '47
H.A.A.

18198

ditto
with # 18197 - shrub
fl reddish ✓

18199

shrub or small tree;
fl greenish. Near # 18197 ditto ✓

18200

Mosses, hepaticae etc
on trees near # 18197 ✓ ditto

18201

shrub; fl. dull yellow
Loma
Top of Campana 3400 ft
with # 18197 ditto

18202

sterile - shrub - Top of
Campana. Dec. 31, '47
near # 18197 H.A.A.

18203

shrub; near # 18202
berries wine red ditto ✓

Top of Loma Campana, at
3400 ft in primeval cloud and
rain forest, Dec. 31,
18204 Shrub; fl. yellow, dull, f.a.a

18205 Shrub
fl. greenish; ditto
near # 18204

18206 Fern on tree trunk near
18205. ditto

18207 Climbing: Piperaceae
Dec. 31. Near # 18205 ditto

18208 Hepaticae?
On leaf: near # 18205 ditto

18209 Mosses, hepaticae
on trees near # 18205 ditto

18210 Fern frond found on
trunk of tree near ground
near # 18205 ditto

Piperaceae
climbing up trees
Near # 18205 - top at 3400 ft
Dec. 31. 47
f.a.a

18211

18212 Hepaticae on leaf of
18211: Dec. 31, 1947 ditto

18213 Shrub -
Near # 18211 ditto

18214 Shrub or small tree
Near # 18211 ditto

18215 Shrub; fl. cream colored
near # 18211 ditto

18216 Grass; at top near # 18211 ditto

18217 Grass; bamboo-like,
called Titici, near # 18211
High scrambling. ditto

Top of Loma Campana, 3400 ft, in
orig. cloud and rain forest Dec, 31, 47

18218 fl. yellow, H.A.A.

Bursera, native name
Cows eat it, Shrub.

18219 Tree - Very thick, dark green
glossy leaves fl. 10-12 in
a cup-shaped continuous bract ditto.

18220 Fern on tree trunk
near # 18218 ditto

18221 Mosses, Red hepatic etc
on trees near # 18218 ditto

18222 Orchid on tree
near # 18218 ditto

18223 Filmy fern; pendent from
trees near # 18218. in cloud forest. ditto

18224 ferns at base of tree
on top of Loma Campana
near # 18218 ditto

Hepatic etc. on branches
of fern # 18224 - and
other bryophytes

18225 Near # 18218 Dec, 31, 47
H.A.A.

18226 Shrub; fl. red; attractive
longer purple bark
at 3100 ft on Loma Campana.
Dec. 31,

18227 Shrub; fl. cream
with # 18226 at 3100 ft, ditto

18228 Orchid - on trees
at 3100 ft, Dec. 31
with # 18226 ditto

18229 Composite - shrub
near # 18226 ditto

18230 Orchid on trees
near # 18226 ditto

18231 fern. On tree
near # 18226 ditto

On slope of Loma Campava
at 3100 feet in clouds and rain
forest; epiphytous forest,
18232 ✓ Dec. 31, 1947. H.A.A.
terrestrial orchid; fl. part.

18233 ✓ Legume; fl. crimson
Near # 18232.

18234 ✓ Creeping at base of trees
etc. near # 18232

18235 ✓ Piperaceae
Climbing on tree trunk
Near # 18232;

Leaves very thick, leathery or rubbery -

18236 ✓ Shrub at 2500 feet on
slope of Loma Campava Dec. 31
at 2500 feet

18237 ✓ Prickly-leaved shrub
near # 18236

18238 ✓ Shrub; fl. red. near
18236 Dec. 31

shrub; near # 18236
Same data
etc.

18239

18240 ✓ climbing fern on tree
trunk near # 18239,

18240²

18241 ✓ Piperaceae?
Near # 18239
near # ~~18~~

18242 ✓ Terrestrial orchid
in primary forest near
18239

18243 ✓ Vine with ^{dense} pendulous clusters
of crimson flowers and coarse,
thick green leaves, near
18239.

18244 Shrub - berries blue
near # 18239

18245 ✓ fleshy mushrooms
on log; near # 18239

Piperaceae

On slope of Loma Campana

- 18246 In orig forest (cloud and rain forest) Dec. 31, 47
at 2500 feet, H.A.A.

- 18247 Piperaceae 2
Leaves dark green, thick ditto
growing on logs, tree
bark translucent white (see) near # 18246.

- 18248 Piperaceae
Long spikes. near # 18246 ditto
On bank at 2500 ft

- 18249 Fern. On banks in
arroyo near # 18246 ditto

- 18250 white, thin mushrooms
on log near # 18246 ditto

- 18251 Bromeliad in flower
on tree at 1400 feet
on Loma Campana Dec. 31 ditto

- 18252 Fern - on bank
near # 18251 in
ravine. Dec. 31 ditto

Fern. on bank of ravine
on slope of Loma Campana.

- 18253 In primary forest
Dec. 31, 1947 at 2500 ft.
H.A.A.

- 18254 Piperaceae, logs etc
on bank, logs etc
near # 18253 ditto

- 18255 Shrub, very hairy leaves,
leaves with dark crimson
blotch on upper third beneath.
near # 18253

- 18256 Orchid
on tree etc; near # 18253 ditto

- 18257 Shrub. at 2500 ft;
berries red; near # 18253 ditto

- 18257a fern ditto

- 18258 Maras, Lufekia
on trees etc. near # 18253 ditto

- 18259 Lichens on leaves
near # Piesha Blanca ditto
near Maimon River Dec. 30, 1947

Bryophyte on leaf
slope of Loma Campana
in primitive forest. Dec. 30 '47
18260 at 2500 ft. H.A.G.

✓ 18261 Along Rio Platanos foot
of Loma Campana -
Jan. 1, '48 H.A.G.
fl. yellow

18262 at 1200 ft at foot of Jan. 1, '48
Loma Campana in
holio yard; = gro sal
(south side) very sweet to taste; may not
be sugar.

✓ 18263 Miconia -
Near # 18262, Jan. 1, '48

✓ 18264 Mistletoe - hanging from
trees! near # 18262. ditto

✓ 18265 Shrub; fl. white to pinkish
Near # 18262 ditto

✓ 18266 Shrub; fl. white
Near # 18262 ditto

~~Loma Campana~~ Culapbrilla - med
for berria - stuff - taken
internally
18267 fern, growing on rocks in Jan.
ravine of Rio Platanos
at 1400 feet; a lady buys it
Ciudad Trujillo - 25 lbs of fern
guide to make medicine
18268 Urticaceae
On banks, logs etc., ditto
near # 18267 Jan. 1

✓ 18269 Piperaceae -
Leaves deep green, attenuate,
Near # 18267 Jan. 1, ditto

✓ 18270 Shrub; fruiting
Near # 18267 ditto

18271 white fungus on tree
trunk; often luminous ditto
Near # 18267 ✓

✓ 18272 Shrubby piperaceae
Near # 18267; leaves
thick, rubbery. ditto

18273 Fern. On ledges
in deep ravine of Rio Las
Platanos, Jan. 1 ditto
Near # 18267 ✓

In ravine of Rio Los Platanos
at 1400 ft, on slope of Poma
campuna, in primitive forest
18274 cloud & rain forest, Jan. 1, 48
Grass
near # 18274. Jan. 1 ditto

18275

18276 Fern - narrow, pointed
bronds; in ravine on banana
near # 18274 ditto

18277 white fungus on bark;
sometimes luminous.
near # 18274 ditto

18278 Fern; Resembles our
shield fern a little
Jan. 1. near # 18274 ditto

18279 Fern: woman in Ciudad
Trujillo has our quiche
seed 25 lbs for medicine.
In ravine in rock crevices
near # 18274 ditto

18280 Low shrub;
near # 18279 - on
diff. ditto

Selaginella 2
on rock, not at fall
18281 near # 18279 Jan. 1, 48
✓

18282 Fern?
at fall with # 18279. bronds about
nat. size ditto

18283 Fern;
In damp soil and spray ditto
near # 18279 ✓

18284 Fern - flat, thin, irregular
bronds; in constant spray of
big water fall, Jan. 1
near # 18279 ditto

18285 Liliaceae - prostrate
✓ on earth, logs etc;
near # 18279 ditto

18286 Shrub.
near # 18279 ditto

18287 Liliaceae
on ground, banks
near # 18279 ditto

Grass - on banks of
ravine of Rio Los Platanos
18288 foot of Loma Campana
at 1400 ft, Jan. 1, 49

(1948)

H.A.G.

18289 Low shrub
on bank near # 18288

ditto

18290 Rubiacae; fl. white
Near # 18288;
Creeping

ditto

18291 Piperaceae dark green
alternate leaves
Jan. 1. Near # 18290

ditto

18292 Fern
on bank near # 18290

ditto

18293 shrub -
Near # 18290

ditto

18294 Urticaceae
Near # 18290

ditto

Urticaceae
Near # 18290
Jan. 1. 1948. H.A.G.

18295

✓

18296 Grass.
Near # 18290

ditto

18297 shrub
Near # 18290

ditto

18298 shrub; fl. reddish
Near # 18290

ditto

18299 fl. blue
Commelinaceae -
on banks near
18290

ditto

18300 Urticaceae
Near # 18290
Creeping.

ditto

18301 Pedunc. Lis Honey
Piedra Blanca -

Jan. 2, at 500 ft,
used for tying buildings to sether
aerocaulis.

Piedra Blanca at
Goodrich Rubber grove -
18302 Jan. 2, 1947 11 a.m.
Paspalum, at 500 ft

18303 creeping, fl. yellow
near # 18302 ditto

18304 Legume. Jan. 2,
near Maimon River at Piedra
In thickets; high climbing,
fl. yellowish, H.O.A.

18305 Small fern - on logs, trees
on slope of Loma Campana
near 3400 ft. Jan. 1.48. in primitive
forest in cloud & rain forest ✓ H.O.A.

18306 ditto
Perhaps other species. ✓ ditto

18307 From small - similar
near # 18305 ✓ ditto

18308 Mosses, hepaticae on
trees etc., near # 18305 ditto

Hepaticae, mosses etc.
on trees etc. in cloud & rain forest
on Mt. Loma Campana
18309 near and at 3400 ft (the top)
January 1, 48
H.O.A. ✓

18310 ditto ✓

18311 ditto ✓

18312 Small fern ✓

18313 mosses etc. same data ✓

18314 ditto ✓

18315 ditto ✓

Monarda leucophaea
coll. on Loma Campana
near or at 3400 ft. in cloud
and near primitive forest
Jan. 1, 1948, H.O.G.

18316

ditto

✓

18317

✓

18318

ditto

✓

18319

ditto

✓

18320

ditto

✓

18321

ditto

Trilium form 3,

✓

18322

ditto

✓

with # 18316
same data

18323

✓ Jan. 1, 48
H.O.G.

ditto

✓

18324

18325

ditto

✓

18326

ditto

✓

18327

ditto

✓

18328

Urticaria
on logs etc
near # 18316

same
data

✓

18329

ditto

✓

18329a

✓

Mosses - hepatic in
near top of Losa Campaña -
in cloud & rain forest at 3400 ft

18330

Jan. 1, 1948

H.O.G.

fungus on log (white)

18331

near # 18330

18332

ditto

18333

Engorge of Rio Platanos
at 1400 ft in slope Losa
Campaña, Jan. 2, 1948

18334

ditto

18335

ditto

18336

ditto

with # 18333 same data

18337

ditto

18338

18339

ditto

18340

Delicate

ditto

filmy fern on tree - near

18340a

down damp canyon of Rio Los Platanos, # 18333

18341

ditto

18341a

✓ fern

18342

ditto

18343

ditto

In deep red rain forest of Rio Tap
Platanos on slope of Loma
Canajana - in flooded forest -
red rain forest (primitive) - Jan. 2, 1951
at 1400 feet.

18344

ditto

18345

ditto

filmy fern²

18346

ditto

filmy fern?

18347

ditto

filmy fern²

18348

ditto

filmy fern?

18349

ditto

filmy fern?

18350

filmy fern in
trees - in mud etc. Jan. 2
near # 18344.

18351

ditto

marces
hepatiz

near # 18344

18352

(apparently
lost)

18353

ditto

18354

ditto

18355

ditto

18356

ditto

18357

ditto

Mosses, hepatic in deep
canyon of Rio Las Platanas
on slope of Poma Campaña
18358 at 1400 ft. Jan. 2, '48, H.O.A.

18359

ditto

✓

18360

ditto

✓

18361

ditto

✓

18362

ditto

✓

18363

fungus (white on wood) ✓
supposed to be *Leucopogon* in
light. One a bracket ✓

18363a

fungus white near # 18358

18364

white fungus -
scalloped edge
Near # 18358

Fungus on wood same data
near # 18358

18365

✓

ditto

✓

18366

18366a lichen

✓

18367

ditto

✓

18368

ditto

✓

18369

ditto

✓

18370

ditto

✓

18371

ditto

✓

Filmy fern 3 on slope of
Joma Campana at 14000 ft.,
in deep ravine of Rio Los
Platanos. Jan. 2. 48,
Haa

18372

18373

ditto mosses, hepatics
near # 18372

18374

ditto

18375

ditto

18376

ditto

18377

ditto

18378

ditto
filmy fern - pendent
from branches.

Filmy fern - 3
Near # 18372
Jan. 2

same
data

18379

18380

ditto mosses etc

18381

ditto flowering plants.
near # 18372
Jan. 2.

18382

ditto Mosses etc

18383

ditto

18384

ditto

18385

ditto

Filmy fern - coll. on slope of
Loma Campana - in deep ravine
at 1400 feet in primitive forest,
Jan. 2, 1948. H.A.G.

18386

✓

18387

ditto

✓

18388

ditto

✓

18389

ditto

✓

18390

ditto

✓

18391

ditto
near # 18386.

✓

18392

Mosses
near # 18386

✓

Filmy fern near
18386 same data

18393

✓

ditto

18394

✓

18395

Fungi for path.
Near # 18386

✓

18396

ditto

✓

18397

ditto

✓

18398

ditto

✓

18399

ditto

✓

Mosses, hepatic on slopes of
Loma Campana in deep ravine of
Rio Los Platanos Jan. 2, '98

18400 ab 1400 ft. H.A.A. ✓

18401

ditto Lichens
near # 18400

18402

Mosses etc
near # 18400 ✓

18403

mass? ditto ✓

18404

hepatic ditto ✓

18405

mosses ditto ✓

18406

ditto ditto

Mosses etc Same data
near # 18400
Jan. 2. ✓

18407

filmy moss ditto ✓

18409

mosses ditto ✓

18410

ditto ✓

18411

ditto ✓

18412

ditto ✓

18413

Piperacae ditto
on tree trunk ✓

Mosses, lichens on trees etc
in ravine of Rio Los Platanos
on slope of Loma Campana,
18414 in primitive forest.
Jan. 2, 1948
H.A.G.

18415 Cladonia. On rocks
near # 18414 ✓

18416 Mosses etc. ditto ✓

18417 ditto ✓

18418 ditto ✓

18419 ditto ✓

18420 ditto ✓

Filmy moss? Jan. 2
Near # 18414 same data

18421 ditto ✓

18422 ditto L

18423 ditto L

18424 Mosses etc. L

18425 ditto ✓

18426 ditto ✓

18427 ditto
Mosses etc on bark ✓

Mosses, hepatic in wood, trees
etc. in ^{deep} shade of Rio Los Platanos in
sluff of Loma Camfana
18428 Jan 2, 1947 at 1400 feet,
Tiny fern
grows in moss only. It's a ✓

Mosses,
near # 18428.
18429 ✓

18430 ditto ✓

18431 ditto ✓

18432 ditto ✓

18433 ditto ✓

18434 ditto ✓

Mosses, hepatic same
near # 18428 data

18435 ✓

18436 ditto ✓

18437 ditto ✓

18438 ditto ✓

18439 ditto ✓

18440 ditto ✓

18441 ditto ✓

Mosses, hepatic on slope of
Loma Campana in deep ravine
of Rio Los Platanos

18442

✓

Jan. 2, at 1400 ft
Jan. 2, H. 9

18443

ditto near # 18442

✓

18444

ditto

✓

18445

ditto

✓

18446

ditto

✓

18447

ditto

✓

18448

ditto

✓

Mosses, hepatic near

18442

same data

18449

✓

18450

spermatophyte
Tring. on sand leaves
on bark; near # 18442 ditto

18451

Mosses, hepatic
Near # 18442
Jan. 2

18452

ditto

✓

18453

ditto

✓

18454

ditto

18455

ditto

✓

Fishing fern 2 on trees on slope of
Loma Campaña at 1400 ft. in
deep ravine on Rio Los Platanos

18456 In primitive forest H.A. 9 Jan. 2, '48

18457

ditto

18458

ditto

18459

ditto

18460

at top of Loma Campaña
at 3000 - 3400 feet. Jan. 1, '48
H.A. 9

18461

ditto

18462

ditto

Thin elongate fern
fronds fairly notched
on limbs in mass

18463

at top of Loma Campaña
at 3400 ft. in cloud
and rain forest. Jan. 1, '48
one 2-3 inches tall. ^{fruit} size

18464

small fern
with # 18463

18465

Mass ditto
hepatia near # 18463

18466

ditto

18467

ditto
hepatia etc. ✓

18468

fishing fern ditto
near # 18463 ✓

18469

Cladonia etc.
Near # 18463. ✓

Mosses, hepatic on
top of Loma Campana at
3400 feet. in cloud and
18470 rain primitive forest.
Jan. 1, 1948 H.A.G. ✓

Brown fungus - killed beneath; soft,
blobby on tree.

18471 Lichen on trees
trunk near # 18470 ✓

18472 Fungus soft, brown
on log, near # 18470 ✓

18472a

18473 ditto white
marked fungus ✓

18474 slender
fern on moss
near # 18470. ✓

18475 mosses etc
near # 18470 ✓

18476 Lichens
near # 18470 ✓

Small arched past fl.,
on top of Loma Campana
at 3400 feet on branch
18477 in moss, Jan. 1, '48
H.A.G.

18478 Mosses - hepatic
near # 18477, Jan. 1 ✓

18479 ditto ✓

18480 ditto ✓

18481 ditto ✓

18482 ditto ✓

18483 ditto ✓

Mosses, hepatic etc. at
top of Tona Campaña, at 3000-3400 ft
Jan. 1, 1948
18484 In primitive forest H.A.G. ✓

18485 Lichens - yellow green
near # 18484 - on tree. ✓

18486 Tiny fern
on limbs in ~~mass~~ ^{not large} mass. Near # 18484 ✓

18487 Small fern ditto ✓

18488 Moss ~~and~~ hepatic
Near # 18484 ✓

18489 Cladonia?
near # 18484 ✓

18490 Mosses, hepatic
near # 18484 ✓

Mosses, hepatic
near # 18484 Jan. 1

18491

18492 Tiny fern
Near # 18491 ✓
Always grows in mass on
limbs.

18493 Mosses etc ditto

18494 ditto ✓

18495 ditto

18496 Lichens: bluish green
near # 18491 ✓

18497 Small, stiff, dark green
fern in earth on bank in
ravine near # 18491 ✓

Mosses, hepatic on
top of Loma Campana - at 3000
3400 ft. Jan. 1, 1948
18498 in primitive forest. H.O.G. ✓

18499

↓ ditto ✓

18500

↓ ditto ✓

18501

↓ ditto ✓

18502

↓ ditto ✓
Brown bracketed fungi
for Path: near # 18498

18503

↓ mosses etc.
near # 18498 ✓

18504

↓ ditto ✓

18504a fungus ✓

Mosses, hepatic
near # 18498. same data

18505

↓ ditto ✓

18506

18507

↓ ditto ✓

18507a fern

18508

↓ ditto ✓

18509

↓ ditto
Piperaceae
near # 18498 on trees

18510

↓ ditto ✓

18511

↓ ditto

Mosses, hepatics collected
on top of Loma Campana at 3400 ft
Jan. 1. in primitive
18512 forest, cloud and rain
forest, (tr. a) ✓

18513

ditto

✓

18514

ditto

✓

18515

ditto

✓

18516

ditto

✓

18516a

ditto

✓

18517

ditto

✓

18518

ditto

✓

Mosses, etc
Near # 18512 same data

18519

ditto

✓

18520

ditto

✓

18521

ditto

✓

18522

Lichens
Near # 18512

✓

18523

marked fungus
for path,
near # 18512

✓

18524

Lichens near # 18512

✓

18525

Mosses etc
Near # 18512

✓

Mosses, lichens collected
on top of Loma Campana at 3400 ft
Jan. 1 in cloud and
18526 rain forest (primitive forest)
✓ H.A.G.

18527 Filmy fern
Near # 18526
Pendent. ✓

18528 filmy fern
(near # 18526) ✓

18529 ditto ✓

18530 ditto ✓

18531 Mosses etc
near # 18526 ✓

18532 ditto ✓

Mosses, hepatics etc. collected
at top of Loma Campana ✓
18533 at 3400 ft., in cloud and
rain forest, (primitive forest)
Jan. 1, 1948
H.A.G.

18534 filmy fern
Near # 18526 ✓

18535 mosses etc
near # 18526 ✓

18536 ditto ✓

18537 ditto ✓

18538 Lichens
Near # 18526 ditto ✓

18539 ditto ✓

Mosses and hepatics collected on
top of Loma Campana, at 3400 ft.,
in primitive forest, - a cloud
18540 and rain forest. Jan. 1, 1948
H.A.A. ✓

18541

ditto

✓

18542

ditto

18543

Filices fern
near # 18540

✓

18544

Mosses, hepatics
near # 18540

✓

18545

ditto

✓

18546

ditto

Mosses, lichens
near # 18540 - same data

18547

ditto

✓

18548

ditto

✓

18549

ditto

✓

18550

ditto

✓

18551

ditto

✓

18552

ditto

✓

18553

ditto

✓

Mosses, hepaticae sp., collected on top
of Loma Campana at 3400 ft.,
18554 a cloud and rain forest
and primitive forest. ✓
Jan. 1, 1948. H.A.G.

ditto

18555 ✓

ditto

18556 ✓

ditto

18557 ✓

ditto

18558 ✓

ditto

18559 ✓

18560

Filmy fern?
near # 18554 ✓

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