

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 " ^{region} Constanza-Valle Nuevo
 #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. ^{Lower Canyons} and name of Rio de las Platanas.

Represa represented on some maps as Madrigal - on Duarte Highway. Road turns left into valley to dam known as Represa Dam - and is on the Maria 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

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GOOSE

GOOSE

ditto

ditto

ditto

✓

GOOSE

ditto

to

Mosses, hepatic collected on
trees etc. six arrows near
17000 rubber grove (Goodrich)
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
17007 coral rock near # 17006
Nov. 14

fl. white

17008 Sponsea fl. white, reddish
in throat, stony.
Near # 17006 ditto

17009 Composite, very small,
yellow flowers along
runways of airport near
end. Nov. 14, 1947. H.A. Allard ditto

17010 Lichens on jarilla tree
nest of Ciudad Trujillo ditto
Nov. 14, 1947. H.A. Allard

17011 Sponsea small white fl.
in tree near # 17010 Nov. 15
H.A. Allard

17012 Lichens of Cashew tree
near # 17010 ditto

17013 Lichens with
17010
(Same tree)

Hepatic on Cashew tree
west of Ciudad Trujillo

17014

Nov. 15, 1947

✓

H.A. Allard

17014-ra

17015

Lichens with

17014

Same tree

✓ ditto

17016

White mottled leaves of
plant much used for low and
high hedges, Ciudad Trujillo

✓

Nov. 15, 47. H.A. Allard

17017

Shrub or small tree much

used in Ciudad Trujillo for clipped
hedges. Low and high, some never seen
fl. Leaves green mottled white and edged white.

Nov. 15, 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 Crotalaria - 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 119, 1947
H. G. Allard

17029 Similar to # 17028
bracts unicolorous 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 B. rose, small
on thin soil on rocks ditto
with # 17028

Thin matted plants in
thin soil on flooded rocks - Ha. Allard
17035 near # 17028

17036 Plants attached in mud,
submerged near # 17028 ditto

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

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

17039 woody shrub - low, growing
from vertical moist ditto
cliff near river # 17037

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

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

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

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

17044 Shrub-like; fl. small,
white in heads; leaves
✓ charred, fasciated, ditto
Near # 17042

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 ditto
Common; full bloom

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 ditto
17049
✓ Resembles Scirpus validus of States

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

17052 Molasses grass
Malaxis multiflora ditto
Near # 17051

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

17054 Moss - near # 17053 ditto
✓

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

Legume, prostrate - in large
Carrizal, Tuzigillo, 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°

✓ ditto

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

ditto

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

ditto

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

ditto

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

17063

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

ditto

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

ditto

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

ditto

17067 Moss - on logs
near # 17063

ditto

17068 Moss
on log near # 17063

ditto

17069 Moss.
near # 17063

ditto

17069a On logs
ditto

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

17070 ✓ ditto
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 ✓ ditto
17078 Mosses on logs etc
near # 17070 L 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 L ditto

17083 Mosses near
17070 L ditto

Mosses on 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, hepatic
 etc. in rainier on
 17098 trail to Hoodrich ✓
 rubber grove, Biedra
 Blanca Nov. 21, 1947
 H. A. Allard

17099

↓ ditto ✓

17100

↓ ditto

17101

↓ ditto ✓

17102

↓ ditto ✓

17103

↓ ditto ✓

17104

↓ ditto ✓

Mosses etc near
 # 17098 Nov. 21

17105

↓ ditto ✓

17106

↓ ditto ✓

17107

↓ ditto ✓

17108

↓ ditto ✓

17109

↓ ditto ✓

17110

↓ ditto ✓

17111

↓ ditto ✓

17112

Mosses, hepatic
on logs etc. in ravines
on trail to Woodrich
under groves, Piedra Blanca
Nov, 21, 1947

✓

17113

ditto

✓

17114

ditto

✓

17115

ditto

✓

17116

ditto

✓

17117

ditto

✓

17118

ditto

✓

with # 17112 Nov, 21,
Ho, 9

✓

17119

17120

ditto

✓

17121

ditto

✓

17122

ditto

✓

17123

ditto

✓

17124

ditto

✓

17125

ditto

✓

Menes, defatgi on trail
to Goodrich rubber guse,
17126 Piedra Blanca, in mouth
narinas. Nov. 21/1947
H.A. Allard ✓

17127

ditto

✓

17128

ditto

✓

17129

ditto

✓

17130

ditto

✓

17131

ditto

✓

17132

ditto

✓

Menes etc collected
with # 17126 Nov. 21
H.A. Allard

17133

✓

17134

ditto

✓

17135

ditto

✓

17136

ditto

✓

17137

ditto

✓

17138

ditto

✓

17139

ditto

✓

17140

Manser, hepatic coll. in
ravine along trail to
Goodrich rubber grove,
Piedra Blanca. Nov. 21, 1949

✓

17141

ditto

17142

ditto

17143

ditto

✓

17144

ditto

✓

17145

ditto

✓

17146

ditto

✓

17147

Manser et al.
coll. with # 17140
Nov. 21

17148

ditto

✓

17149

ditto

17150

ditto

✓

17151

ditto

✓

17152

ditto

✓

17153

ditto

✓

Mosses on stumps, logs,
bark etc in ravines on
trail to Goodrich suffer
more 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 # 17154
Nov. 21, 1947 ✓
H.A. Allard

17161

ditto ✓

17162

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

Shorea. fl. blue,
small. Nov. 24

ditto

17180

Shorea. fl. white,
small

ditto

17181

Moss on Mango
tree of Ciudad
Trujillo
Nov. 25, H.A. Allard ✓

17182 *Moricea* on mango tree,
west of Ciudad Trujillo,
Nov 25, 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 *Conocarpus* -
fl. whitish
On bank near
✓ # 17187 Nov 26, 1947
H.A. Allard

17190 On vertical dam on
bank near # 17187 ditto

17191 *Panicum*
On bank with # 17187 ditto

17192 *Amorphia* - shrubby
fl. dark red
✓ Near # 17187 in river
tidal flood plain, ditto

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 Miana river
17196 near Repressa 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 thin,
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 ^{Miana} river at Repressa
dam, Nov. 26, 1947
H.A. Allard ✓

17203 Moss on bank
with # 17203 ditto ✓

17204 Mosses near
17203 ✓ ditto

17205 Mosses near
17203 ditto

17206 Mosses, hepatics
near # 17203 ✓

17207 Mosses
near # 17203 ✓

17208 Mosses, hepatics
near # 17203 ✓

17209 Mosses
near # 17203

Mosses on tanks
along stream near Repressa
dam, Nov. 26, 1947
H.A. Allard

17210

17211

Mosses - hepatic
near # 17210

17212

Mosses, hepatic
near # 17210

17213

17214

17215

17216

17217

17218

17219

17220

17221

17222

17223

Hepatic etc
near # 17210

Nov. 26
H.A. Allard

Hepatic, mosses
near # 17210

ditto

ditto

ditto

ditto

ditto

ditto

ditto

ditto

ditto

ditto

ditto

17224 Mosses, hepatic
on banks (mount) near
Represa San 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 Plant in 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 Represa dam.
Nov, 26, 1947
H. G. Allard.



17239

ditto

17240

ditto



17241

ditto



17242

ditto



17243

ditto



17244

ditto



17245

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



17246

ditto



17247

ditto



17248

ditto



17249

ditto



17250

ditto



17251

ditto



Mones, hepatica
along highway near Represa
dam, on steep moist,
wooded banks.

17252

Nov, 26, 1947 ✓

H.A. Allard

17253

ditto ✓

17254

ditto ✓

17255

ditto ✓

17256

ditto ✓

17257

ditto ✓

17258

ditto ✓

Mones, hepatica
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 sheath of
Arundo donax ✓

~~17267a~~

17268

ditto

17269

ditto ✓

17270

ditto ✓

17271

ditto ✓

17272

ditto ✓

17272a

ditto ✓

17273

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

17274

ditto ✓

17275

ditto

17276

ditto ✓

17277

ditto ✓

17278

ditto ✓

17279

ditto ✓

17280

On banks along Mana River
near Repressa dam

Nov. 26, 1947

H.A. Allard

✓

17281

ditto

✓

17282

ditto

✓

17283

ditto

✓

17284 * Lichens

ditto

✓

17285

Masses, lufatus

ditto

✓

17286

Masses,
lufatus

ditto

✓

Masses, lufatus
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 hepaticae
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
hepaticae

ditto ✓

17299

Moss, hepaticae

ditto ✓

17300

Moss, hepaticae

ditto ✓

Cladonia

17301

Near # 17294

Nov. 26, 1947

H.A. Allard. L

17302

Moss, hepaticae ditto
on bark ✓

17303

begin

Gichens on
tree near Independencia
Ave., Ciudad Tuxtepec, H.A. A
Nov. 28, 1947

17304

On cliffs in Nizao river
valley near bridge

Nov. 30, 1947 H.A. Allard
Legume tree, with prickly at apex

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, in net spat 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.

17310 ^{Piper} On cliffs near
#17308 ditto

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

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

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

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

Grass - ~~Lasiacis~~
Leaves broad 3-4 ft
17315 Near #17314
Nov. 30, 1947
~~Olyza~~ ^{latifolia} H.A. Allard

17316 Mosses, hepatic in wood,
logs, trunks on cliffs near
#17308 ✓

17317 ditto ✓

17318 ditto ✓

17319 ditto ✓

17320 ditto ✓

17321 ditto ✓

Mosses, hepaticae on logs,
trunks of trees etc. along
Valle Nizao river at station of
17322 cliffs near Valdesia. ✓
Nov. 30, 1947
H. A. Allard

17323

↓
ditto ✓

17324

↓
ditto ✓

17325

↓
ditto ✓

17326

↓
ditto ✓

17327

↓
ditto ✓

17328

↓
ditto ✓

Near # 17322

Same data

17329

Nov. 30. ✓

17330

↓
ditto ✓

17331

↓
ditto ✓

17332

↓
ditto ✓

17333

↓
ditto ✓

17334

↓
ditto ✓

17335

↓
ditto ✓

Moneses hepaticus
collected near Valdesia - along
Nizao River and on high cliffs
near Valdesia

17336

Nov. 30, 1947

H.A. Allard

✓

17337

ditto

✓

17338

ditto

✓

17339

ditto

✓

17340

ditto

✓

17341

ditto

✓

17342

ditto

growing
on
stones.

✓

Moneses hepaticus

Near # 17336

Same data

17343

✓

17344

ditto

✓

17345

ditto

✓

17346

ditto

✓

17347

ditto

✓

17348

ditto

✓

17349

ditto

✓

✓

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

17350

Nov. 30, 1947 white small on
H.A. Allard, light green moss ✓
17350

17351

ditto

✓

17352

ditto

✓

17353

ditto

✓

17354

ditto

✓

17355

ditto

✓

Beautiful
crimson
hatchers
on trees

17356

ditto

✓

Lichens growing near # 17350
Nov. 30, 1947

17357

Same date

✓

17358

ditto

✓

17359

ditto

✓

17360

ditto

✓

17361

ditto

✓

17362

ditto

✓

17363

ditto

✓

Lichens collected on bark,
logs etc. along Nizao River
near Valdesia, and on high
17364 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
Nov. 30 ✓

17371

Cladonia
on logs.

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
not in flower.

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 Nuevo from
Constanza, Dec 4, 1947

Panicum (H. Allard)
In original pine forest

17379 *Panicum*
Near # 17378 ditto

17380 *Solanum*
Near # 17378 ditto
fl. white

17381 *Solanum*
Very tall, arching branches
fl. deep purple; showy
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 -
but fl. in terminal
spikes. In pines
Near # 17378

Small *Phytolacca*
In pine forest near
17385 # 17378
Same date,
data etc.

17386 *Mikania* - high climbing
In thickets near # 17378 ditto

17387 *Singruchium* 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
✓ *Gnomus* H. G. Allard

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

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

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

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

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

17398 Low - nearly creeping ditto
✓ leaves small, deep orange
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. G. Allard Dec. 4, 1947

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

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

17409 Peculiar plant - Near # 17406
light glaucous green
in color. fl. beneath broad-like ditto
stems & leaves all in one plane
On tree 20-30 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
17413 Shrub - 6-8 ft. tall
Near # 17406 Same date data, etc.

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

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

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

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

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

17419 High climbing woody vine ditto
Near # 17406

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

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

aster
in pine 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 *Pilea* -
erect, rugose, dark
✓ green, rough hairy leaves
with # 17420 ditto

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

17425 *Lycopodium* ?
Trailing. In ravine
✓ near # 17424 ditto

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*
In open ground on ditto
bank - near # 17424 ✓

17429 Grass. *Andropogon* ✓
Near # 17424 ditto

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

17431 *Gerardia* -
✓ fl. rose purple,
In pine at 5000 ft
near # 17424 ditto

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

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

Panicum
on steep slopes in original pine
forest on road from Comtama
17434 to Valle Nuevo, at H.A.
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 *Isnaphalium*
In 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 *Isnaphalium*
Near # 17434 ditto ✓

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

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

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

17450 Prostrate *Pilea* -
Near # 17448 ditto

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

17452 *Eupatorium*, tall
bl. whitish
Near # 17448 ditto

17453 *Stellaria*
On banks near
17448 ditto

17454 Rock. *Polygonaceae*
Roadside near
17448 ditto

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

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

17457 Prostrate legume
Desmodium
Near # 17448 ditto

17458 *Grassia*
Escaped everywhere
near Constanza,
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.A.

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

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

17464 Cyperaceae

ditto
Near # 17463. cln 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
Constanta, 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 Constanta 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

17476a *Scleria ciliata* Willd.

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

Monzeliad
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

Leaves (pinnate)

✓ 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, sandy soil
Near # 17490 ditto

17492 Hieracium, fl. yellow,
in pine woods near
17490 ditto

17493 Cyperaceae
Near # 17490 ditto

17494 Symplocium
Near # 17490,
fl. blue, ditto

17495 Composite
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.

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

17499 Very leafy stems -
glaucesc. bases - cloudy
erect in same place
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 Composite
rays whitish
Erigeron? ditto

Erigeron: rays whitish
In original pine forest
17504 on road from Combsanga
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 Gesneriaceae
fl. red
Leaves, stems glutinous
Tall shrub.
Near # 17504 ditto

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 Ternstroemia Near # 17504 ditto
Polygodium
on tree trunk -
silvery scales above, fringed and
tapping downward scale ✓

17515 shrub
small white flowers,
Near 17504 ditto

17516 Panicum
17504 ditto
Tall - resplendent

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

Shrub. fl. red ^(white) leaves glabrous.
Very attractive. In original
pine forest near Valle Negro
17518 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 ?
Near # 17518 ditto

17522 *Arcyrium*
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 Rubiaceae
plant *Siodia* ?
some for Pathology ditto
Near # 17518

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

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

17529 *Mooses* *hepatiz*
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

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

17532

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
wood etc near 17532
near # 17532

ditto

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
pine forest near Valle Nuevo V
17546 at 5000-5200 ft. Dec. 4. H.A. Gilard

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

17548 ditto L

17549 ditto V

17550 Mosses ditto V

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

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

Mosses etc. on
bark, ground etc.
17553 near # 17546 V
Dec. 4
H.A. Gilard
at 5000-5200 ft.

17554 Mosses on soil
etc. near # 17546 V

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

17556 Mosses on soil
ditto
near # 17546

17557 Mosses etc. on
soil, banks etc. V ditto
near # 17546

17558 Mosses etc.
near # 17546 ditto V

17559 Mosses etc.
ditto V

17560

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

17568

ditto

17569

ditto

17570

ditto

17571

ditto

17572

ditto

17573

ditto

Mosses, hepaticae collected
at 5000-5200 ft. near
Valle Nuevo. See, 4 in ✓

17574 original pine forest, ✓
H. A. Allard

↓
ditto

17575 ✓

↓
ditto

17576 ✓

↓
ditto

17577 ✓

↓
ditto

17578 ✓

↓
ditto

17579 ✓

↓
ditto

17580 ✓

Mosses, hepaticae
(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

↓
ditto

17582 ✓

↓
ditto

17583 ✓

↓
ditto

17584 ✓

↓
ditto

17585 ✓

↓
ditto

17586 ✓

↓
ditto

17587 ✓

Masses, 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 ✓

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

17596

Tring fern high in
branches of tall forest
Tree 6 broad headed
Near # 17595 ditto ✓

17597

Masses,
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 lichen ✓

↓ ditto ✓

17605

↓ ditto

17606 ✓

17606a ✓

↓ ditto ✓

17607

17607a lichen ✓

↓ ditto ✓

17608

Mosses, hepatics
near # 17602
at 5000-5200 ft. ✓
near Valle Nuevo.
Dec. 4
H.A. Allard

↓ ditto ✓

17610

↓ ditto ✓

17611

17611a ✓

↓ ditto ✓

17612

↓ Mosses
near # 17602
Dec. 4

17613

Lycopodium
Near # 17602
Dec. 4 ✓

17614

Lycopodium
Near # 17602 ✓

17615

Mosses, hepatic
in original pine forest
near Valle Nuevo. H. A. Allard
17616 5000 - 5200 feet
on mountain sides, in ravines
Dec. 4, near Lushney. ✓

17617 ditto ✓

17618 ditto ✓

17619 ditto ✓

17620 ditto ✓

17621 ditto ✓

17622 ditto ✓

Mosses -
Near # 17616
Dec. 4 ✓
17623 at 5000 - 5200 ft.
H. A. Allard.

17624 Bromeliads fl. pinkish
near Jarabayo
in 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 marked in 4's ✓

Small fern on trees trunks
near Valle Nuevo at 5000-5200 ft.
near highway from Constantza to Valle Nuevo
Dec. 14, 1947, H.A. Allard. See fern
forest of original growth, ✓

17630

Piper, on barks
Near # 17630

17631

Dec. 14

17632

fern on tree trunks

fronds entire
narrow

Near # 17630 ✓

17633

Polypodiaceae -

on trees near # 17630 ✓

silvery scurf (scales) on upper surface
of fronds) Dec. 14

17634

Tiny fern on trees

Near # 17630 ✓

Dec. 14

17635

Small, entire leaved fern
on tree trunks and branches
near # 17630 Dec. 14 ✓

17636

Small, pinnate fern -
on tree branches near
17630, Dec. 14 ✓

Parasite - mistletoe -
on tree trunk near # 17630
Dec. 14 Thick green
fleshy stems only

17637

17638

Small entire fronds
Termin. on tree near # 17630
Dec. 14 ✓

17639

Bromeliad -

on tree near # 17630
rather broad leaves,
Dec. 14 ✓

17640

Bromeliad on tree

near # 17630
very narrow leaves,
Dec. 14 ✓

17641

Bracketed fungi

on tree near # 17630
for Path Dec. 14

17642

Bracketed fungus
on tree near # 17630
Dec. 14 ✓

17643

Filix fern
on ledges near
17630 in crevice,
Dec. 14 ✓

17644

Filmy fern
on rock 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
tree
far up on limb 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 yarella tree
near Jarabacoa, at 1600 ft., ✓
Dec. 5

17651

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

17652

Cladonia on bank
with # 17651 ✓
Dec. 4

17653

Lichens on trees ✓
Parmelias etc.
Near # 17644
Dec. 4

17654

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

17655

Lichens Cladonia (mats)
on soil on banks
in places. 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 Muero at 5200 ft
Dec. 4 in original pine
forest. H. A. Gallard. ✓
In cloud forest.

17672 ditto ✓

17673 ditto ✓

17674 ditto ✓

17675 ditto ✓

17676 ditto ✓

17677 ditto ✓

Tree lichens
near # 17672
Dec. 4 ✓

17679 ditto ✓

17680 ditto ✓

17681 ditto ✓

17682 ditto ✓

17683 fern on tree near # 17672
Dec. 4 ✓
Polypodium

17684 fern on tree near # 17672
very small Dec. 4 ✓

17685 Lichens on trees and soil near # 17672. Dec. 4 ✓

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

17686

same Cladonia
Dec 4
near # 17686

17687

Cladonia
Near 17686

17688

ditto Cladonia

17689

ditto
More
near # 17686

17690

Lichens on bark
etc near # 17686

17691

ditto

Lichens on bark of
trees etc., near # 17686

17692

Dec. 4
H.A.A.

17693

ditto

17694

ditto

17695

ditto

17696

ditto

17697

ditto

17698

ditto

Lichens on bark etc
at 5200 ft near Valle
Nueva, 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, barks 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
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 5200 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

Fruticose lichen
on trees near # 17728
Dec. 4

17739

ditto

✓

17740

Lichens on soil
Near # 17728
Dec. 4

17741

ditto

✓

Cladonia on soil
in orig. pine forest
near Vally Nuevo ad
5200 ft. Dec. 4, 1947
Hd. all and

17742

ditto Near #17742

17743

ditto

17744

ditto

17745

ditto

17746

ditto for Path
Near #17742

May be fungus
(on wood) Dec. 4

17747

Lichens on bark etc
Near #17742

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

17748

17749

ditto

17750

Fern - on tree
near #17742
Dec. 4

17751

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

17752

17752a

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

17753

Mosses (many)
Near #17742 Dec. 4

17754

Mosses (many)
Near #17742

Hepatic - on bark
at 5200 ft., near Valley Nuevo
17756 in cloud forest, Dec. 4, ✓
In original pine forest,
H.A. Allard.

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

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

Cladonias
17759 On soil near # 17756
Dec. 4

Lichens on bark
17760 near # 17756 ✓
Dec. 4

Lichens on bark
17761 near # 17756 ✓
Dec. 4

Lichens on bark etc.
17762 Near # 17756 ✓

Lichens on bark
Near # 17756
17763 Dec. 4 ✓

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

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

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

Lup fungi
17767 Piedra Blanca
Nov. 5, 1947, H.A. Allard

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

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

Hoster, - on soil in
cloud forest at 5200 ft. near Valle Nuevo
17770 Dec. 4, 1947, in original
pine forest. H.A. Allard.

On knob or loma near Piedra
blanca (South) in ravine etc. 1000-1100 ft.
17771 in altitude. Dec. 10, 1947
H.A. Allard.

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

17772 Tree at rubber grove near
Goodrich plantation; introduced
some years ago from Puerto Rico.
fl. drooping, yellow, in terminal
panicles.

17773 Folioe banana - a large herb
with huge erect yellow flowers
up-like in one plane. In deep
ravine - at 1000-1100 feet; 15-20 feet tall.

17774 shrub near # 17773
Berries dark blue black -

17775 Piper.
In ravine, heavily wooded,
with # 17773

17776 Slender climbing fern
clinging to tree trunks by roots
appressing itself to trunks - 10-15
ft. tall. In ravine with # 17773.

Mosses on logs, banks etc
in deep, damp, shaded ravine
17777 near # 17773. Dec. 10

17778 Olyra latifolia, at 1100 feet
in ravine near # 17773.

17779 Climbing, scrambling bamboo-like
near # 17778 - In ravine,

17780 Tall shrub, 7-10 ft; fl. yellow
near # 17778 Dec. 10

17781 Shrub. On edge of
woods near # 17778; fl. yellow,

17782 Scrambling, climbing shrub;
fl. white, near # 17778.

17783 Smilax-like climber; fl. yellowish
near # 17778.
fl. red, - is it a clematis?

Pepper - salarum - ripe fruit red, very hot. at edge of thicket at 1100 feet.
17784 Dec. 10. on knob 1100 ft. in alt. beyond Goodrich rubber grove near Piedra Blanca. H.A. Allard
✓ Tall 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. In leaf mold on trail to rubber grove (Goodrich) near Piedra Blanca. Dec. 10

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

Tall shrubby legume - fl. purple, on experimental 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 purple. For stock.

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

17795 Rattle 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 on fronds of fern
in deep ravine on north at 1000 ✓
17798 to 1100 feet high - beyond Medinet
rubbish grove at Piedra Blanca,
Dec. 10. H. A. Allard 1794

Lichens on leaves
near # 17798 ✓

17800 Mosses, hepatics 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, hepatics on bark, logs etc
with # 17800 Dec. 10
H. A. Allard

17805 ✓

17806 ditto ✓

17807 ditto ✓

17808 ditto on bark ✓

17809 ditto on trees etc ✓

17810 ditto ✓

17811 ditto ✓

Mones, hepatic in dar, red
ravine on brook beyond S.W. of
Goodrich rubber grove at Hydra
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

Mones, hepatic near
17812

17819

ditto

17820

17821

ditto

17822

ditto

17823

ditto

17824

ditto

17825

ditto

17825a lichen

Mosses, hepatic
 on logs, soil, back of trees
 etc. in deep, wet pine 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 -
 17840 deep ravine ~~South~~ near ~~road~~ ✓
 of Goodrich rubber nose at Piedra
 Blanca, Dec. 10. N.A. Allard

17841

ditto

✓

17842

ditto

✓

17843

ditto

✓

17844

ditto

✓

17845

ditto

✓

17846

ditto

✓

Near # 17840
 Mosses, hepaticae
 saying
 date
 data

17847

✓

17848

ditto

✓

17849

ditto

✓

17850

ditto

✓

17851

ditto

✓

17852

ditto

✓

17853

ditto

✓

Mosses, hepaticae collected on
Loma or knoll S.W. of Goodrich rubber
grove at 1000-1100 ft in deep
17854 varices. Dec. 10, 1947
H.A. Allard

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

17855a ditto ✓

17855b fern ditto ✓

17856 Young manacila palm
(See Moscoso) near # 17854
Dec. 10 ✓

17857 Mosses - hepaticae with
17854 ✓

17858 ditto ✓

17859 ditto ✓

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

17860a fern ✓

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

17861 ✓

17862 ditto ✓

17863 ditto ✓

17864 ditto ✓

17865 ditto ✓

17866 ditto ✓

17867 ditto ✓

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

17869 ditto ✓

17870 ditto ✓

17871 ditto ✓

17872 ditto ✓

17873 ditto ✓

17874 ditto ✓

Monos, leafy
near # 17868

same
date
etc

17875 ✓

17876 ditto ✓

17877 ditto ✓

17878 ditto ✓

17879 Pilea
in same or bank with
17868
✓

17880 near Lichens on bark
near # 17868. ✓

17881 Lichens on fern pinnae
near # 17868 ✓

White bracket fungi, on log
in deep ravine S.W. of Goodrich &
17882 Rubber grove Piedra Blanca
at 1000-1100 ft ^{Thick} on ^{tree} lava. ✓
for path Dec. 10. 11. aq

17883

17884

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

17886

17887

17888

Yucca, hepatic on
dead bark. trees etc
near # 17886 - all on
coral rock formation
✓ same date
etc.

17890

17891

17892

17893

17894

17895

↓
Lotto

Lichens on trees, bark etc.,
on coral rock formations west of No. 9
17896 Ciudad Trujillo, No. 9
✓ Dec. 14, 1947

17897

ditto

✓

17898

ditto

✓

17899

ditto

✓

17900

ditto

✓

17901

ditto

✓

17902

ditto

✓

17903

Mosses, hepatics
on bark of trees etc.,
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. Allen

ditto

17911

✓

17912 Lichen - 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

✓

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, *Leptogium* 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
✓

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

Lichen or fungus on
leaf, west of Ciudad
Trujillo, near # 17938 Dec. 14
17939 for Path -

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

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

Leaves of # 17940
with leaf spot -
near # 17938
17942

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

Phalloid - crimson on
lattice work brown white
base, in hammock Ciudad Trujillo,
Dec. 15, 1947. H.A.A.
17944

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

17942 Is this Coccoloba ramosa

crimson
17945
to near # 17945

f - pipera-
17945

toides
for experimentally
na, an escape
nple Dec. 17
in trees.
H.A.A.

on trail
2 groves
called
"steep leaves" used
Has leaf spot
Dec.

ling, fl. white
purple lines
in thickets near # 17949

Tree near road rich with grove;
fl. deep rose; fragrant; after petals crimson
✓ blotched and lined.
17951
Dec. 17

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

17939 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 Rhalloid - crimson on
lattice work 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 - pipera-
in woods near # 17945

17948 Pueraria phaseoloides
✓ In field - 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
Guana la Harca, steep leaves; used
17950 in lung troubles. No leaf spot
See -

✓ 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 from}
from Piedra River, Dec, H.A. Allard

Low shrub - on trail
near # 17952. Dec, 17.
17953 Has leafy fruit - see -

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

17955 High-climbing woody vine
with large pods - a very long head and
kidney-like leaves large - ojo de buey -
Macuna urens Fawc. & 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. Chooses leaves
when dry; often then greenish when
moist and very beautiful.

Mosses etc on tree trunk
near # 17957. same date
17959 data

17960 Fungus 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

Mosses, hepatic in
ravine near Piedra Blanca -
near Goodrich rubber grove
17966 on trees, lost Dec. 17, 1947, N.A.A. ✓

17967

ditto

✓

17968

ditto

✓

17969

ditto

✓

17970

ditto

✓

17971

ditto

✓

17972

✓

Mosses, 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 grass, 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 ad. ground,
Goodrich Rubber grove, Dec. 17, 47
17994 H.G. Allard

ditto

17995

✓

ditto

✓

17997

ditto

✓

17998

ditto

✓

17999

ditto

✓

18000

ditto

✓

Mosses, hepatic
on trees, bark etc., near
17994 Dec. 17
18001 H.G. 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, forks 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 tree logs
etc., near # 18022. Dec, 17, 47
H.A. Allard, ✓

18029

ditto

✓

18030

ditto

✓

18031

ditto

✓

18032

ditto

✓

18033

ditto

✓

18034

Mosses, hepatic
near # 18022. Dec, 17,
✓

18035

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

Flower and leaf of *Durheimia*
ripe vine - all good - near
18036 Goodrich rubber grove - on trail
from Piedra Blanca, Dec. 17, 47
very odd.

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

Long, narrow fronds of fern
18038 *Wolffia*, near ^{no} cars, Dec. 21, 1947
Two clumps growing on coral cliff,
west of Ciudad Trujillo

Moss on dead stump
18039 near # 18038 Dec. 21

Moss, hepatics
18040 near # 18038, on coral
outcrops, cliffs

18040a

18041

18042

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

Moss, hepatics on
logs near # 18038
18044 Dec. 21, in ravine at
big coral in coral rock west of
Ciudad Trujillo

18045

18046

18047

18048

18049

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

18051 Mosses on coral rubble
near # 18050 ✓

18052 mosses on coral rubble
near # 18050 ✓

18053 On bark near base of
jailla tree near # 18050 ✓

18054 ditto ✓

18055 ditto ✓

18056 ditto ✓

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

18057 ✓

18058 ditto ✓

18059 Leaf with thin
lichens on upper surface ✓
near # 18050

18060 Bracket fungi (white)
on old log near # 18050 ✓

18060a ditto Dec. 21, ✓

18061 Mosses, hepatics on
coral rubble near # 18050 ✓
Dec. 21

18062 Lichens also
ditto ✓

18063 ditto ✓

Munoz, hepaticus deep
on coral cliff outcrops in ravine
at big cove west of Ciudad V
18064 Triunfo, Dec. 21, 47 Haag.

ditto Near # 18064

18065

ditto

18066

ditto

18067

ditto

18068

ditto

18069

ditto

18070

18071

Munoz, hepaticus V
on coral rocks with V
18064 Dec. 21

ditto

18072

ditto

18073

ditto

18074

18075

Lichen Munoz, hepaticus V
on bark of tree Dec. 21
near # 18064

18076

ditto

18077

ditto

Babaco de India - Tall
climbing woody vine, along
Mainon River near bridge

18078 at Piedra Blanca, Dec. 23, '07

✓ *Gouania lupuloides* (L.) Urb.

18079 Same - (Enormous pods) in
Near # 18078 - fl. in short
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 Cosmos; fl. pink
In thicket near # 18087.

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

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

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

Lichens on leaves of Dec, 23
Scleria ^{Haq.}

18092 In dense ^{in thickets on} trail ^{to} ^{road} ^{sign} ⁱⁿ ^{upper} ^{groves} ^{beyond} ^{Piedra Blanca}

Orchid on Calabash tree
(Black ^{Summit} of leaves) on lichen,

18093 Near # 18092, ✓

18094 Orchid. fl purplish red, dark,
Summit on leaves; same
as # 18093. On
same tree ✓

18095 Orchid - on tree with
18093 ✓

18096 Epiphytic Pileas, 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 ^{Pileas} on old log and
stump; near # 18092 ✓

18101 Lichens on leaves
of Pomine de rosa ✓
Near # 18092, Dec, 23

18102 Shrub; fl, yellow
3-4 ft. in damp woods
near # 18092, Dec, 23 ✓

18103 Mosses, hepatic 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, lignum vitae on
logs, trees etc. in ravines
on slopes etc. near Piedra
Blanca Dec. 23. H. G. Allard

✓

18121

ditto

✓

18122

ditto

✓

18123

ditto

✓

18124

ditto

✓

18125

ditto

✓

18126

ditto

Mosses, Lycopodium
near # 18120 Dec. 23

18127

✓

ditto

18128

✓

18129

ditto

✓

18130

ditto

18131

ditto

✓

18132

ditto

✓

18133

ditto

✓

Moses, live north in
rainier, on slopes - on trees, logs
etc., west of Piedra Blanca

18134 Dec. 23, 1947. Hda ✓

18135

ditto ✓

18136

ditto ✓

18137

ditto ✓

18138

ditto ✓

18139

ditto ✓

18140

ditto ✓

Moses, live north near
18134 Dec. 23

18141

ditto ✓

18142

ditto ✓

18143

ditto ✓

18144

ditto ✓

18145

ditto ✓

18146

ditto ✓

18147

ditto ✓

Mosses, hepatic in logs, bark
etc. near Piedra Blanca in
rains etc. Dec. 23, 1947
H.A. Allard

18148

18148a *bifera* ✓

18149

ditto

18150

ditto

18151

ditto

18152

ditto

18153

ditto

18154

ditto

Mosses, hepatic near
18148 Dec. 23

18155

ditto

18156

ditto

18157

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. Itag

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
lush up in tree near # 18176

18177 Dec. 23, 1947 ✓

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

18179 Needs 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 *Duranti* - so-called 2
✓ fl. red, pendent like *Hibiscus* -
at Alcayor Colon - tall tree, showing
Dec. 28, 1947 - Ciudad Trujillo, ✓
with numerous spikes.

18182 Legume - tree: Ciudad
Trujillo - ~~flat~~ flat -
✓ See photo. Dec. 28, 47 H.A.G.

Geanth - 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 At Lajas where I slept - at
foot of Loma Camafara - 200 feet -
Dec. 31, 1947. - *Alseodora*
For stomach (steeped)

18186 *Cassipouira* - 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 -
like shield fern, ditto
Jan. 1 ✓

Legume - fl. scarlet - shrub, woody,
in shrine of Los Platanos Rio
at foot of Loma Campana
18190 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 massy forest
on top of Loma Campana,
Dec. 31, '47
H.A.A.

18198 ditto
with # 18197 - shrub
fl. reddish ✓

18199 shrub on small tree;
fl. greenish. Near # 18197 ditto ✓

18200 Maraca, betahia etc
in trees near # 18197 ✓ ditto

18201 shrub; fl. dull yellow
Top of Loma Campana 3400 ft.
with # 18197 ditto ✓

18202 Steris - shrub - Top of
Campana. Dec. 31, '47 H.A.A.
near # 18197 ✓

18203 shrub; near # 18202
berries wine red ditto
✓

✓
18204 Top of Loma Campana, at
3400 ft in mineral cloud and
rain forest, Dec. 31,
shrub; fl. yellow, dull H.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 found found on
trunk of tree near ground ditto
near # 18205 ✓

Piperaceae
climbing w/ trees
Near # 18205 - top - at 3400 ft
Dec. 31. 47
H.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 Tifci, near # 18211 ditto
High scrambling.

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

18218 fl. yellow, H.A.A.

✓ Bournea ², native name
Cura cat it, Shimb.

18219 Tree - Very thick, dark green
glabrous leaves bl. 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 fronds
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; of primary forest,
Dec. 31, 1947. H.A.A.
terrestrial orchid; fl. pink.
- 18232 ✓
Legume; fl. crimson
Near # 18232. ditto
- 18233 ✓
Climbing at base of tree
etc. near # 18232 ditto
- 18234 ✓
Piperaceae
Climbing on tree trunk
Near # 18232, ditto
Leaves very thick, leathery or rubbery -
- 18235 ✓
Shrub at 2500 feet on
slope of Loma Campava, Dec. 31,
at 2500 feet
- 18236 ✓
Prickly-leaved shrub
near # 18236 ditto
- 18237 ✓
Shrub; fl. red. near
18236 Dec. 31 ditto

- Shrub; near # 18236,
same data
etc.
- 18239 ✓
climbing fern on tree
trunk near # 18239, ditto
18240² ✓
- 18241 ✓
Piperaceae?
Near # 18239
near # 18 ditto
- 18242 ✓
Terrestrial orchid
in primary forest near
18239 ditto
- 18243 ✓
Vine with dense
of crimson flowers and coarse,
thick green leaves, near
18239. ditto
- 18244 ✓
Shrub - berries blue
near # 18239 ditto
- 18245 ✓
slimy mushrooms
on log; near # 18239 ditto

Piperaceae

On slope of Loma Campaña

- 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, true
bark translucent white (see) near # 18246.

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

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

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

- 18251 Monoclad in flower
on tree at 1400 feet
on Loma Campaña Dec. 31 ditto

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

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

- 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

- 18258 Mosses, leafy etc.
on trees etc. near # 18253 ditto

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

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

18261 along Rio Platanos foot
of Loma Campana
Jan. 1, 48 H.O.A.
fl. yellow

18262 at 1200 ft at foot of Jan. 1/48
Loma Campana in
holio yard; = gro sal.
(with gold) very sweet to taste; no sugar.

18263 Mikania -
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 hernia - steep - taken
internally
18267 from young on rocks in Jan.
ravine of Rio Platanos
at 1400 feet; a lady says it is
Cuidad Trujillo - 25 lbs of juice
made to make medicine

18268 Urticaceae
on banks, logs etc., ditto
near # 18267 Jan. 1

18269 Piperaceae -
Leaves deep green, attenuated,
near # 18267 Jan. 1, ditto

18270 shrub; fruiting
near # 18267 ditto

18271 white fungus on tree
barks; 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 Ponga
campaña, 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 banks
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 guide
seed 25 lbs for medicine.
In ravine in rock crevices
near # 18274 ditto

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

Selaginella 2
on rocks, wet at falls
18281 near # 18279 Jan. 1, '48

18282 Fern?
at falls with # 18279, near size
ditto

18283 Fern?
In damp soil and spray
near # 18279 ditto

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

18285 Liliaceae - prostrate
in 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 food of Louisa Campana
at 1400 ft, Jan. 1, 49

(1949)

H.A.G.

✓ 18289 Low shrub
on bank near # 18288

ditto

18290 Rubiacae; fl. white
near # 18288;
✓ Reclining

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 ✓

Grass.
18296 near # 18290

ditto

18297 shrub,
near # 18290

ditto

✓ 18298 shrub; fl. reddish
near # 18290

ditto

✓ 18299 fl. blue
Commelinaceae -
on bank near
18290

ditto

18300 ✓ Urticaceae
near # 18290
Creeping.

ditto

18301 ✓ Belice - San Jose
Piedra Blanca -
Jan. 2, at 500 ft,
used for tying buildings to sether
generally.

Piedra Blanca at
Woodrich Rubber grove -
18302 Jan. 2, 1947 H.O.A.
Paspalum, at 500 ft

18303 creeping, fl. yellow
near # 18302 ditto

18304 Legume, Jan. 2,
Near Maimon River at Piedra
blanca
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 Fern small - similar
Near # 18305 ditto ✓

18308 Mosses, hepatic a-
trees etc., near # 18305 ditto ✓

Hepatic 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 date ✓

18314 ditto ✓

18315 ditto ✓

Monea leafy twig
coll. on Loma Campana
near or at 3400 ft. in cloud
and near primitive forest
Jan. 1, 1948, H.A.G.

18316

ditto

18317

18318

ditto

18319

ditto

18320

ditto

18321

ditto

filmy form 3

18322

ditto

with # 18316
same data

18323

ditto

18324

18325

ditto

18326

ditto

18327

ditto

18328

lenticular
on logs etc
near # 18316

same
data

18329

18329a

ditto

Mosses - hepatic in
near top of *Ficus Camfana*
in cloud & rain forest at 3400 ft

18330



Jan. 1, 1948

H.A.G.

fungus on log (white)

18331

near # 18330



18332

ditto



18333

gorge of Rio Platanos
at 1400 ft in slope *Ficus*
Camfana. Jan. 2, 1948 ✓

18334

ditto



18335

ditto



18336

ditto



with # 18333 same data

18337



ditto

18338

18339

ditto



18340

Delicate

ditto



filmy fern in tree - near

18340a fern below damp canyon of Rio de Platanos, # 18333

18341

ditto



18341a



fern

18342

ditto



18343

ditto



In deep red rainforest of Rio Jaz
Plattayac on slope of Loma
Campana - in floral forest -
at 1400 feet, Jan. 2, 1951

18344

ditto

18345

ditto

filmy fern²

18346

ditto

filmy fern²

18347

ditto

filmy fern²

18348

ditto

filmy fern²

18349

ditto

filmy fern²

18350

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

18351

ditto

males
hepatiz

18352

(apparently)
lost

18353

ditto

18354

ditto

18355

ditto

18356

ditto

18357

ditto

Mosses, hepatics in deep
canyon of Rio Las Platanas
on slopes 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 *Lecanora* in
night. 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
 Loma Campana at 1400 ft.,
 in deep ravine of Rio Los
 Platanos. Jan. 2. 18,
 Haa

18372



18373

ditto mosses, hepatics
 near # 18372



18374

ditto



18375

ditto



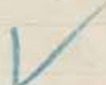
18376

ditto



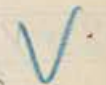
18377

ditto



18378

ditto filmy fern - pendant
 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. L. H. A.

18401 ditto Lichens
near # 18400

18402 Mosses etc
near # 18400

18403 moss? ditto

18404 hepatic ditto

18405 moss ditto

18406 ditto ditto

Mosses etc Same data
near # 18400
Jan. 2, '98

18407

18408 filix femina ditto

18409 mosses ditto

18410 ditto

18411 ditto

18412 ditto

18413

Piperaceae ditto
on tree trunk

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

18415 Cladonia. On rocks
near # 18414 ✓

18416 Mosses etc. ditto ✓

18417 ditto ✓

18418 ditto ✓

18419 ditto ✓

18420 ditto ✓

Filmy mosses? 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. ^{deep} ⁱⁿ ^{the} ^{main} ^{of} ^{Rio} ^{Los} ^{Platanos} ⁱⁿ
 slope of Loma Camajana
 18428 Jan 2, 1947 at 1400 feet,
 tiny fern
 grows in mosses only, a
 It's a ✓

Mosses
 near # 18428. ✓
 18429

ditto ✓
 18430

ditto ✓
 18431

ditto ✓
 18432

ditto ✓
 18433

ditto ✓
 18434

Mosses, hepatic same
 near # 18428 data

18435 ✓

ditto ✓
 18436

ditto ✓
 18437

ditto ✓
 18438

ditto ✓
 18439

ditto ✓
 18440

ditto ✓
 18441

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 O. round 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
Toma Campaña at 1400 ft. in
deep ravine on Rio Los Platanos

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

18457

ditto

18458

ditto

18459

ditto

18460

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

18461

ditto

18462

ditto

Thin elongate fern
bracts finely notched
on limbs in moss

18463

at top of Toma Campaña
at 3400 ft. in cloud
and rain forest. Jan. 1, '48
one 2-3 inches tall. Nat. size

18464

small fern
with # 18463

18465

Moss ditto
hepatia near # 18463

18466

ditto

18467

ditto
Hepaticae etc.

18468

fishing fern ditto
near # 18463

18469

Cladonia etc.
Near # 18463.

Mosses, hepaticae 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,
fleshy, spongy.
Lichen on trees
18471 trunk near # 18470 ✓

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

18472a

18473 ditto white
marbled 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.

Mosses - hepaticae
18478 near # 18477. Jan. 1 ✓

18479 ditto ✓

18480 ditto ✓

18481 ditto ✓

18482 ditto ✓

18483 ditto ✓

Mosses, hepatic etc. at
top of Tuma Campana, at 3000-3400 ft
Jan. 1, 1948

18484 In primitive forest H.O.G. ✓

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

18486 Tiny fern
on limbs in moss - 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 moss 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, hepaticae on
top of Loma Campana - at 3000
18498 3400 ft. Jan. 1, 1948
in primitive forest, H.O.G.

- 18499 ditto ✓
18500 ditto ✓
18501 ditto ✓
18502 ditto ✓
Brown bracket fungi
for Path: near # 18498
18503 mosses, etc.
near # 18498 ✓
18504 ditto ✓
18504a fungus ✓

Mosses, hepaticae
near # 18498: same data

- 18505 ditto ✓
18506 ditto ✓
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, clouds and rain
forever, H.A. ✓

18513

ditto

✓

18514

ditto

✓

18515

ditto

✓

18516

ditto

✓

18516a

ditto

✓

18517

ditto

✓

18518

ditto

✓

Mosses, etc
Near # 18512 same data

18519

✓

18520

ditto

✓

18521

ditto

✓

18522

Lichens
Near # 18512

✓

18523

marked fungus
for fruit,
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 filix fern
near # 18526
Perdent. ✓

18528 filix fern
(near # 18526) ✓

18529 ditto ✓

18530 ditto ✓

18531 mosses etc
near # 18526 ✓

18532 ditto ✓

Mosses, hepatic 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 filix 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, *Lepidopogon* sp., collected on top
of Loma Campana at 3400 ft.,
18554 a dense and rain forest
and primitive forest. ✓
Jan. 1, 1948. H.A.G.

ditto

18555 ✓

ditto

18556 ✓

ditto

18557 ✓

ditto

18558 ✓

ditto

18559 ✓

18560 Fishing fern?
near # 18554 ✓

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