BOOK No. 12

H. A. ALLARD

FIELD COLLECTION NUMBERS

15688 - 16999

HISPANIOLA

SEPT. 11, 1947 to NOV. 12, 1947

- # 15688 to 15720 inc. - Ciudad Trujillo
 # 15721 to 15732 " Piedra Blanca
 # 15733 - Ciudad Trujillo
 # 15734 to 15735 - Jaina Beach
 # 15736 to 15761 - Ciudad Trujillo
 # 15762 to 15788 - Piedra Blanca
 # 15789 - Ciudad Trujillo
 # 15790 - 15832 - Ozama River marshes
 # 15833 - 15841 - Ciudad Trujillo
 # 15842 - 15896 - Sabana de la Rosa
 # 15897 - 15905 - Ciudad Trujillo
 # 15906 - 15939 - Ozama River marshes
 # 15940 - 16041 - Sabana de la Rosa
 # 16042 - 16050 - Colonia Ranfis at 1800 ft
 # 16051 - Ciudad Trujillo
 # 16052 to 16101 Pine forests, Piedra Blanca
 # 16102 - 16171 Big Cane near Ciudad Trujillo
 # 16172 - Piedra Blanca
 # 16173 to 16204 Ciudad Trujillo
 # 16205 - 16227 - Big Cane near Ciudad Trujillo
 # 16228 to 16250 - Jaina Beach
 # 16251 to 16343 Colonia Ranfis 1800 ft
 # 16344 to 16383 - Near Ciudad Trujillo
 # 16384 to 16600 - Guantánamo rd region
 # 16601 to 16624 inc. Ciudad Trujillo.

- # 16625 to 16727 inc. Piedra Blanca
 # 16728 to 16744 inc. Ciudad Trujillo
 # 16745 to 16769 " Colonia Ranfis
 # 16770 to 16818 - Ciudad Trujillo
 # 16819 to 16999 Piedra Blanca

Allard, H. A. Dominican Republic 1947.

Book 12.

Field Notes nos. 15688 - 16999.

50174

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 U. S. Government Printing Office

15688

B. mus reticulata

15688

15677

Survey of the River

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Le

4

11/10

47

Leaf spots on mango leaves
in Allard's yard, Ciudad Trujillo
15688 Coll. Sept. 11, 1947. H.A. Allard
Leaves yellow and fall
in considerable quantities ✓

15689 Leaf spots on *Cajupita*
Anacardium occidentale L.
on Allard's grounds ✓
Ciudad Trujillo, Sept. 11, 1947
H.A. Allard

15690 Leaf spots on lime - Allard's
grounds, Ciudad Trujillo. ✓
Sept. 11, 1947. H.A. Allard

15691 Leaf spots on sandbaptist
Hura crepitans L. ✓
on Allard's grounds - Sept. 11, 1947
H.A. Allard

15692 Lichens on bark
of mango tree, Allard's ✓
grounds, Ciudad Trujillo,
Sept. 11, 1947. H.A.

15693 Same Lichens
with # 15692
same data ✓

15694 Bryophytes (or Hepaticae)
on mango tree - with
15692 same date etc

Lichens on *Avicennia reticulata*
Ciudad Trujillo
15695 on Allard's grounds
Sept. 11, 1947. ✓
H.A. Allard

15696 Dimeris coffee leaves
Piedra Blanca - April or
May, 1947. ✓ Howard T. Allard

15697 fl. blue, small, in low
ground along Ozama River
13/1 mile above Ciudad Trujillo
✓ Sept. 12, 1947. H.A. Allard

15698 *Juncus*
several same locality with
15697. ditto

15699 Low, creeping plant
with # 15697 - fl. small
+ faint bluish white. ditto

15700 Sedge. with # 15697
white bracts (at base) ditto

15701 Grass with # 15697 ditto
1/1 wet meadow along
Ozama River 1 mile or
more above Ciudad Trujillo. 9-12/47

15702 *Juncus*, in low, wet ground
along Ozama River 1-1½ miles
above Ciudad Trujillo.
Sept. 12, 1947. H.A. Allard
serp.

15703 Sedge - 3 angled stem
(1) with # 15702 ditto

15704 Sedge
3 with # 15702

15705 Sedge
3 with # 15702
low, small plants

15706 Leaf spots, brown
on *Anacardium occidentale* L
Sept. 13, 1947. A.H. F. Allard
(upper surface)

15707 Leaf spot on leaves
of *Anacardium occidentale* L
at H.F. Allard's, Sept. 13

15708 Lichens on *A. occidentale*
branches above.
Same date, data. etc.
yellowish areas. ditto

Gray Lichens on branches of
Anacardium occidentale L,
15709 Allard's grounds, Ciudad
Trujillo, Sept. 13, H.A. Allard
(*Parmelia*?)

15710 Elongate white lichen on
same tree as # 15709 ditto

15711 Gray lichen on Howard's
mango tree bark Sept. 15, 1947 ditto

15712 Lichen - *Parmelia*? on
same tree with 15711 on same
mango tree Sept. 11, 1947 ditto

15713 Lichens on same tree
with # 15711 - vivid green -
near base of tree. ditto

15714 Grass. In old banana
field at Ciudad Trujillo, Sept. 15, 47
H.A. Allard

15715 *Parmelia*-like - have
greenish lichen on bark of
Anacardium occidentale
in Allard's yard Sept. 15, 1947
15715a

Bluish gray or slate colored
lichen on *Antiarthium occidentale*
at Allard's, Ciudad Trujillo, Sept. 15, 1947
H.A. Allard
15716

15717 White patches lichen on
same tree bark with # 15716 ditto
H.A. Allard

15718 Black velvety patches
of moss with # 15716 ditto
H.A. Allard

15719 Two lichens - one
small elongate black spots
with # 15716 ditto
H.A. Allard

15720 - Shelf fungus -
with # 15716 ditto
H.A. Allard

15721 Leaves of Mango with
spots (Piedra Blanca)
Sept. 16, 1947. H.A. Allard

15722 Red flowered legume near
rubber plantation
very showy. Stamens long.
ditto

Shrub in woods at Piedra Blanca
fl. white 10-15 ft tall. H.A. Allard
Piedra Blanca
Hl 74, Sept. 16, 1947
15723

15724 Nevera flowers & leaves
Goodrich rubber plantation
ditto

15725 Bauhinia
fl. drooping, pure
yellow. Near rubber
grove ditto

15726 Lichens on rubber
trees ditto

15727 Sedge in rubber
grove (Goodrich) ditto

15728 Moss in rubber grove
with # 15727 ditto

15729 Sedge - 3 angled stems
on trail near Piedra
Blanca in damp soil ditto

Mossy hepatic, on
tree bark in shade along
Mamun River near Piedra
15730 Blanca, Sept. 16, 1947. H.A. Allard ✓

15731 water plant; fl. white
along roadside near
Piedra Blanca
abundant in water ditto
✓

15732 High climbing vine; leaves large
10-12 in. across, ^{12 in.} long, heart shaped
at base, with very narrow sinus
climber on a tree trunk -
15733 fl. large - in clusters deep
blue purple; much branched. ✓
Sept 20
C.T.

Small tree in yard, not a very
covered with yellowish at base
15734 thick with brownish lines - petiole 5, small
Cuidad Trujillo Sept. 20, 1947.
Leaf spatulate on sea grape
Nadia Beach - Sept. 21, 1947
H.A. Allard ✓

15735 Walk on leaf of sea grape
Nadia Beach Sept. 21, 1947
H.A. Allard ✓

15736 Sedge
Cuidad Trujillo in
Allard's lawn
Sept. 25, 1947
H.A. Allard ✓
Clematis

Sedge near
with # 15736 - 9-25-47
H.A. Allard

15737 ✓

Low grass in Allard's lawn
with # 15737
15738 9-25-47
H.A. Allard

15739 Grass with
15737.
Same date etc.

15740 Tall grass - 5-6 ft
in clumps, in waste
ground near # 15737
Same date, single
leaves, ✓

15741 Grass in lawn
with # 15737.
Soon shrublets fall from rhachis,
Same plate etc.

15742 Shrub - small white fl
waste ground in limestone outcrops
near airport, Sept 26, 1947
H.A. Allard ✓

15743 Shrub - red flowers
Shady
near # 15741 B ditto ✓

15744

Grass - on limestone
outcrop - Ciudad Trujillo
near airport (with # 15749)
Sept 26, 1947, H.A. Allard

15745

Red fl. - dromocera
with # 15744 ditto
Very attractive.

15746

Purple Anthracae
with # 15744 ditto
Frequent in coastal area

15747

Herb - tall white fl
long pods. with # 15744 ditto

15748

White flowered -
trailing - narrow petals
with # 15744 ditto

15749

bulb - rose pink
flowers - scape near ditto
15744 out in soil
Very showy. (D. nuda, rosado)

15750

Grass climbing in
bushy waste land, west of
Ciudad Trujillo Sept. 26, 1947 ditto

15751

Grass Paspalum
with # 15744 - Sept. 26, 1947
H.A. Allard

15752

Grass - Paspalum
On caliche soil, Ciudad
Trujillo, near # 15749.
Sept. 26, 1947. H.A. Allard.

15753

Moss on thin soil on
caliche rocks near
15749. Sept. 26, 1947
H.A. Allard

15754

Plant in lawn - a weed
fl yellow - prostrate - Sept. 28, 47
Ciudad Trujillo H.A. Allard

15755

Tree Rose fl. rose purple
Sept. 28, 1947, at Country Club
H.A. Allard

15756

Small flowered composite
yellow on golf course at
Country Club 9/28/47. H.A. Allard

15757

Mistletoe - on
Rose lie on 15755; also
on Casuarina. Near # 15754
Sept. 28, 1947 H.A. Allard

Bulbous plant in sand
at Country Club - yellow fl.
Leptanthes 9/28/47
15758 H.A. Allard
very common - almost a weed
and escape,

15759 fig - large tree at
Country Club 9/28/47
A large tree H.A. Allard

15760 *Solanum* - at Country Club - Sept. 28, 1947
H.A. Allard 5 ft. fl. white

15761 *Pixa* - fl. lilac
Piedra Blanca - in thicket
Sept. 30, 1947
H.A. Allard

15762 woody vine on Mainon River
Piedra Blanca - near Bridge
Sept. 30, 1947
fl. white H.A. Allard

15763 Mint - fl. small, white
5-6 ft tall - herb on Mainon River
Piedra Blanca - near # 15762
ditto

15764 *Cichornia* *resifera*? fl. purplish
on Mainon River near bridge, blue
Piedra Blanca ditto

Near Mainon River in
red soil - Piedra Blanca
Sept. 30, 1947
H.A. Allard

15765

✓ (1)

15766 Herb 3-4 ft. - fl. white
in moist soil on trail
near Piedra Blanca
Sept. 30, 1947 ditto

15767 Tree 20-30 ft. tall
fl. white
near # 15766 ditto

15768 *Desmodium* - running stems
fl. nearly crimson
in thicket and along trail
near # 15766. common ditto

15769 *Desmodium* - fl. purplish
prostrate & ascending,
with # 15768 ditto

15770 *Pharus glaber* HBK.
on trail near # 15769
erect stems; frequent ditto

15771 Shrub 4-5 ft. fl. white
on trail near # 15769
frequent
stamens purple ditto

Andropogon - 5-6 ft -
In thickets on trail near Piedra
Blanca, 9/30/47, H.A. Allard

15772

15773

Paspalum
along trail near # 15772 ditto
single spikes

15774

Shrub 8-10 ft - small
tree; brist purple,
Near # 15772 ditto

glabrous, coarsely serrate leaves,

15775

Scleria 2-4 ft.
on trail near # 15772 ditto

15776

Paspalum - spikes terminal
2-3 ft. Near # 15772 ditto

15777

Paspalum. spikes scattered
2-3 ft. Near # 15772 ditto

15778

Sedge.
Damp soil on trail near 15772 ditto

Tall Paspalum 2-3 ft.
very heavy sheaths. On trail
near Piedra Blanca in
woods Sept. 30, 1947. H.A. Allard

15779

15780

Paspalum ditto
Near # 15779
spikes scattered

15781

Near # 15779 ditto
very common

15782

Desmodium
ascending - fl. purplish
on trail near # 15779 ditto

15783

Desmodium
ascending - fl. red
on trail near # 15779 ditto

15784

Sedge
on trail near # 15779 ditto

15785

Desmodium
ascending stems
fl. purplish. on trail
near # 15779. frequent ditto

Moss on Calabash Tree
Near Piedra Blanca near
main on River 9/30/47
15786 H.A. Allard

15787 Euphorbia-like tall
leaves red stem - leaves
much divided, cut.
Near Piedra Blanca in yard
9/30/47 H.A. Allard
15 ft tall,

15788 Gerardia fasciculata
On State highway at K.L. 37
9/30/47 H.A. Allard
fl. deep rose. Few plants
(rare)

15790 weed in Allard's lawn
Cuidad Trujillo
Amaranthus Oct 2, 1947
H.A. Allard

15791 Mint - 5-6 ft. fl. deep rose pink
In swale along Ozama River 2-3 miles
above Ciudad Trujillo on bank
Oct 2, 1947 H.A. Allard

15792 Sagittaria? In swamp
leaves broad. near #15790
Low, wet River marsh

15792 Small flowered white stem
5-6 feet in drier ground
near #15790 ditto
ditto

Acletois - white fl.
On banks of Ozama River 2-3 miles
above Ciudad Trujillo. Oct. 2, 1947
H.A. Allard

15793

15794 Paspalum - spikes single
Damp soil near #15793 ditto

15795 Grass - Andropogon
In marsh of Ozama River above
5-6 ft tall, ditto

15796 Composite - small, white fl.
In marsh with #15795 ditto

15797 Sedge
In wet soil near #15795 ditto

15798 Leaves of almond tree
with leaf spots ditto
Near #15795

15799 Low, small, erect plant.
fl. white. In drier ground ditto
edge of marsh above

Reinischloa or Paspalum in wet
soil along Ogawa River marsh 2-3 miles
above mouth, Oct. 2, 1947

15800

H.A. Allard,
spikelets after discard-yellow

✓ 15801

Shrubby - yellow flowered
in marsh above
Evening Primrose farm.

ditto

✓ 15802

same location
near # 15801

ditto

✓ 15803

Cyperaceae
Very damp, heavy soil
near # 15801

ditto

✓ 15804

Sedge
in muddy soil
in above marsh

ditto

✓ 15805

Cyperus
Cyperaceae
in muddy soil with
15801

ditto

✓ 15806

Cyperus
in wet soil with # 15801

ditto

✓ 15807

Cyperus
in muddy soil along
Ogawa River above mouth
2-3 miles Oct. 2, 1947
H.A. Allard

15808

Paspalum - single spikes
very slender leaves, narrow
in drier soil on edge
of marsh in clumps.

15809

Sedge
in muddy soil in
marsh above,

ditto

15810

Grass -
in wet soil near # 15808

ditto

15811

Sedge
in wet soil with 15809

ditto

✓ 15812

Sedge
in wet, muddy soil with
15809

ditto

✓ 15813

Sagittaria -
narrow leaves
in muddy soil near
15809

ditto

✓ 15814 *Cyperaceae*
In marsh along Ozawa River
2-3 miles from mouth
Oct. 2, 1947
H.A. Allard
In mud and water

✓ 15815 Sedge
with # 15814 ditto

✓ 15816 Tall *Paspalum*
In red soil in above
marsh, ditto

✓ 15817 *Cyperaceae*
White bracts
In mud and water in
above marsh, ditto

✓ 15818 Grass
In marsh (wet) with
15817 ditto

✓ 15819 *Paspalum*
In red soil in same
marsh with # 15817
spikes panicled, ditto

✓ 15820 *Mikania* - fl. white, fragrant.
In full bloom. Trailing over
grass and herbage in red muddy
soil with # 15817.

✓ 15821 Shrubby - yellow flowers
Evening Primrose fam.
In wet, muddy soil
along Ozawa River 2-3 miles
from mouth, Oct. 2, 1947
H.A. Allard

✓ 15822 Sedge
In red soil with
15821 - ditto

✓ 15823 Sedge
with # 15821
red soil ditto

✓ 15824 Sedge
with # 15821
In red soil ditto

✓ 15825 Sedge
In muddy soil with
15821 ditto

✓ 15826 Sedge
In mud with
15821 ditto

✓ 15827 Sedge
In mud with
15821 ditto

yellow flowered Composite
in marshes along
15828 Ogawa River 2-3 miles
from mouth, Oct. 2, 1947
H.A. Allard
✓ common

15829 Herb - 1-2 ft. tall ditto
✓ in moist soil near
15828; fl. small, blue.

15830 Low, creeping, matted
plant with white flowers
✓ in bogs along Ogawa River ditto
in damp soil on edge of
marsh only, very abundant

15831 Tall Paspalum
in marsh with # 15828 ditto
Plant A

15832 Paspalum
near # 15828 ditto
Plant B

15833 Ornamental pale-lilac,
✓ very showy - living herb
fl. in umbels. Oct. 5, 1947 Ciudad Trujillo
H.A. Allard

15834 Weed in Allard's grounds
✓ fl. small, white; elongate
buds Oct. 5, 1947
H.A. Allard

Common weed in cult.
grounds - flowering when extremely
small - bl. purplish
Oct. 5, 1947
H.A. Allard

15835

15835a fungus

15836 sedge in lawn
✓ at Ciudad Trujillo -
Allard's lawn. Oct. 5, 1947
Tenerous root H.A. Allard

15837 weed -
✓ Allard's lawn
Ciudad Trujillo -
bl. whitish Oct. 5 ditto

15838 Grass - low - in Allard's
lawn - Panicum
Oct. 5, 1947 ditto

15839 Grass - Allard's lawn -
low - Panicum
Oct 5 ditto

15840 Setaria
in Allard's lawn ditto

15841 Panicum maximum
✓ Guinea grass,
waste grounds
Ciudad Trujillo ditto

15842

Orchid - fl white 3-3 1/2 feet tall
In arroyo - Sabana de Rosa
Rd 28, Duarte Highway
epiphytic on stump Oct. 5, 1947
H.A. Allard

15843

Cuscuta on shrubs, herbs
Near # 15842

ditto

15844

* Vines on shrubs, etc
In arroyo with # 15842
winged fruits - white

ditto

15845

Scleria
Dry soil with # 15842

ditto

15846

Eragrostis
Dry, sterile soil near # 15842

ditto

15847

Sedge
Dry, sterile soil with # 15846

ditto

15848

Low herb - fl orange -
leaves narrow
with # 15846

ditto

15849

Grass - Panicum
Very slender, tufted - single
sterile spike! Dry, sterile
Soil with # 15846
Sabana de la Rosa
near Rd 28, Oct. 5, 47
H.A. Allard

15850

Sedge - in duff -
leaves very slender
with # 15849

ditto

15851

Grass panicum
Decumbent -
In arroyo near # 15842
moist, shady soil
Very pubescent.

ditto

15852

White flowered herb -
fl in dense heads
Leaves very pubescent beneath.
In dry soil with # 15849

ditto

15853

Tall sedge - In moist
soil in arroyo near # 15842

ditto

15854

Deep rose purple fl -
Small, low herb.

ditto

15855

Shrub - with pure white
berries in pendulous racemes
4-5 feet, in moist arroyo
with # 15849

ditto

15856

slender - 4-5 feet
in arroyo at Kl 28
Sabana de Santaposa,
Oct. 5 - 1947

Ha. Allard

fruit yellowish
capsule

15857

Low terrestrial orchid
In arroyo near # 15856
Flowers greenish

ditto

15858

Epiphyte - in fruit,
on old shrubs. In damp
arroyo with # 15856

ditto

15859

Slender shrub
whitish flowers
Leaves alternate

ditto

15860

Shrub - white fl.
purple berries - Hicaco
Chrysanthemum - berries edible

ditto

15861

Sedge - Very slender.
Damp, sterile soil near
15856.

ditto

15862

Sedge In wet soil
in arroyo with 15856

ditto

15863

Sedge - In wet
soil near # 15862
Oct. 5 -

Kl 28 - Sabana de Posa

15864

Sedge -
In damp soil near # 15862

ditto

15865

Sedge
Damp soil in wash
near # 15862

ditto

15866

Sedge -
In dry soil near
15862

ditto

15867

Scrambling lianoid
In moist soil in arroyo
with 15856

ditto

15868

Shrub in
arroyo with # 15856
greenish fl & green fruit

ditto

15869

Shrub -
whitish flowers in panicles
scabrous leaves -
coarsely, serrate toothed
near # 15856

ditto

15870

tiny low panicum, in
sterile dry soil near K. 28-Duarte
Highway on Sabana de Pasca
enfoquent Oct. 5, 1947
H.A. Allard

15871

shrub - with prickly leaves
at tip. Tinted reddish purple
berry-like. In arroyo
near # 15870

15872

Paspalum
In arroyo near 15870 ditto
Leaf blade edge very scabrous

15873

tiny low panicum
few spikelets; very slender
leaves - 4-5 in tall
In dry soil near 15870 ditto

15874

shrub, flowers small in
dense panicles - pinkish
petals - with longitudinal dark
lines. Near 15870 ditto

15875

Rubiaceae -
Prostrate to ascending.
Roadside near K. 28-Duarte
Highway. fl. white Oct 5

15876

Low herbaceous - fl.
yellow. In sterile soil near
K. 28 - branching ditto

15877

Grass - armed - long
Anns and tips of glumes ^{striking} crimson
In dry soil at K. 28 - in sterile
open soil in stony pasture.
An attractive little grass.
Oct. 5, 1947
H.A. Allard

15878

Grass slender.
with # 15877 ditto

15879

Low herb - reddish or
purplish red fl.
In sterile open soil with
15877 ditto

15880

Paspalum
In sterile soil with
15877 ditto

15881

Low, slender herb
bl. rose purple.
Leaves narrow; with # 15877 ditto

15882

Low herb with # 15877 ditto
Leaves opposite.
bl. deep rose red or purplish
red

15883

Herb - low -
white fl. in dense heads
Leaves verticillate
with # 15877 ditto

15884

Delicate, slender
Euphorbiaceum plant;
fl white, tiny, in dry,
sterile soil near Kl 28 - in
Sabana de Rosa. Oct 5, 1947
H.A. Allard

15885

Sedge
with # 15884

ditto

15886

Sedge
with # 15884

ditto

15887

Low herb
fl orange
leaves elongate
with # 15884

ditto

15888

Sedge 2
with # 15884

ditto

15889

Sedge
Cyperus?
with # 15884

ditto

15890

Grass - slender
on sterile ground
with # 15884

ditto

15891

Grass - slender
with # 15884

15892

Shrubby, low -
flowers purple
very brown hairy
with # 15884

ditto

15893

Shrub
Panicles of yellow fl, ditto
Roadside bank near Kl 28,
Quarte highway

15894

Vine on shrubs etc -
fl large, yellow, showy
near # 15893

ditto

15895

Shrub - escape
along Quarte highway
near Kl. 29

ditto

15896

Massy herb
fl in racemes
with 15884

ditto

15897

Paspalum, waste ground
Ciudad Trujillo near Embassy
H.A. Allard Oct 6, 1947

Lantana - orange red fl.
waste ground, Ciudad Trujillo
west of American Embassy

15898

Oct. 6, 1947
H.A. Allard

15899

✓ Anthracae - large fls. purple
leaves - waste ground
with # 15898; common here ditto

15900

✓ Creeping plant - small
rounded leaves; white flower
waste ground near # 15898 ditto

15901

Grass - with # 15898 ditto

15902

Panicum
waste ground with # 15898 ditto

15903

✓ Legume - fl. yellow
Pods present - bushy,
shrub shrubby
Near # 15898 ditto

15904

Grass - in waste
ground with # 15898 ditto

Grass in Allard's lawn
Ciudad Trujillo - Oct. 7, 47
H.A. Allard

15905

✓ 15906 shrub - to small tree
long edge of marsh along
Ozama River 2-3 miles
from mouth Oct. 7, 1947
Leaves green, dark green
finely serrated
Flowers small, white, axillary
H.A. Allard

15907

Slender grass
on edge of marsh in
drier soil - near # 15906 ditto

15908

✓ Mikayia - fl. white,
fragrant. In marsh
drier soil near # 15906 ditto

15909

✓ Tall shrub - 10-15 ft
Leaves bright shining green
entire; fl. white, tubular, fragrant
Near # 15906, in drier ground ditto

15910

✓ Shrub or small tree
near # 15906; Pendent
racemes of red, bitter fruit ditto
Leaves compound

15911

✓ Tree - all over
Terminalia catappa L
fl. white in long, slender
racemes - ditto
Near # 15906

Vine, climbing over shrubs.
Flowers very small, green.
Along bank of Ozama River flats
15912 2-3 miles from mouth,
Oct. 7, 1947

✓ H.A. Allard
See 15844 for print.

15913 Shrub - fl. red, in
dense vegetation - shiny
Leaves entire - broadly ovate.
Near # 15912 ditto
in rocky soil

15914 Shrub - fl. yellow
Leaves narrow - in red
soil of marsh above. ditto

15915 Herb 3-4 ft. in red
soil near # 15914. Flowers
✓ deep rose. Composite ditto

15916 Shrub - legume -
fl. yellow - pods ditto
Near # 15912 - edge
of marsh, 4-5 ft.

15917 Cyperaceae - low in
mud and water near ditto
15915

15918 Aeschynomene - fl. white
On edge of marsh near
15915 ditto

15919 Mist - fl. small
✓ bluish - along edge of
Ozama marsh near
15915 Oct. 7, 1947
H.A. Allard
4-5 ft.

15920 Cyperaceae
In mud near # ditto
15915

15921 Cyperaceae - small ditto
In mud near 15915

15922 Cyperaceae
In mud near 15915 ditto
In mud

15923 Cyperaceae
✓ Near 15915 ditto
In mud

15924 Shrub -
✓ on drier banks near ditto
15915

15925 Paspalum
Shrubby, single -
On banks near # 15915 ditto
In dense clump

15926

Cyperaceae, in wet
soil - mud etc. in
marsh along Ojawa
River - 2-3 miles from
mouth, Oct. 7, 1947
also diseased H.A. Allard

15927

Herb with long, slender
pure white tubular flower
Very coarsely dentate leaves
In dry soil on edge of marsh.
Sedge 2 feet tall

15928

In mud near 15926

15929

Sedge
In mud and water
near # 15926

15930

Small Cyperaceae
In damp soil near
15926

15931

Shrubby -
Lantana, fl. lilac
3-5 ft. on bank
near bridge over
Ojawa River near 15926

15932

Sagittaria. In
mud & water. Near 15926

15933

Sagittaria? In water
near # 15932 Very large
leaves, 1
5-6 ft. tall. Oct. 7, 47
(Leaves diseased) H.A. Allard
also.

15934

Sagittaria
In water & mud near
15933 ditto

15935

Purple fl. Clitarea
In grass in Sabana de la
at Kl. 28, Oct 11, 1947 Rosa
H.A. Allard

15936

Low Euphorbiaceae
with # 15936
Prostrate: fl. whitish
to pinkish.

15937

Yellow fl. vine - fl.
large. In thicket near
15936 ditto

15938

Low herpaceous
fl. yellow.
Near # 15936
Slender pods.

15939

Low vine Cyperaceae
In grass with # 15936 ditto

15940

Red flowered legume
any waste ground on Sabana
de las Pasa, R.R. 28, at
left of Puerto Lirio.
to road Higuera River 1/2 mile
Oct. 11, 1947, H.A. Gentry
Base mostly.

15941

Herbaceous plant
somewhat viscid; fl. reddish
purple in grass near
15940 ditto

15942

woolly, woody long plant
fl. purplish. with # 15940 ditto

15943

Purplish flowers; slender
in meadow near # 15940 ditto

15944

Long herbaceous
root woody; fl. yellow.
with # 15940 ditto

15945

Euphorbiaceae
slender; fl. white
with # 15940 ditto

15946

Cyperaceae
Triangular stems
in mud near # 15940
in wet arroyo ditto

Cyperaceae

with # 15946

same
loc.
etc

15947

15948

Cyperaceae
with # 15946 ditto

15949

Cyperaceae
with # 15946 ditto

15950

Cyperaceae
with # 15946 ditto

15951

Cyperaceae
with # 15946 ditto

15952

Cyperaceae
with # 15946 ditto

15953

reddish
fl. purplish
in mud with #
15946 ditto

15954

In muddy arroyo Paspalum
In Sabana de la Basa - 1/2 miles from Santa Fe
highway, Rd. 28, on
fork joint pipe road W. of
Haina River. Oct 11, 1947
H.A. Allard

15955

Lidians on
tree trunks in arroyo
near # 15954

15956

Lidians on
trees near # 15954

15957

Moss or liverworts
on tree trunks
near # 15954

15958

Lidians on
tree trunks with
15954

15959

Parmelia etc. yellowish
green

15960

Moss light green
on bank of arroyo on
decayed wood near #
15954
mosses, hepatics on
tree trunks in arroyo
near # 15954

15961

Vine, high up in
trees fl. small whitish
In arroyo near
15950 same
date
etc

15962

In arroyo near
15954

15963

Gyneraceae
In mud near
15954

15964

Bromeliad
on base of tree; plants
growing in fl. panicle
Near # 15954

15965

Leaves pathological

15966

Moss on muddy bank
of arroyo near # 15964
ditto

15967

Mosses - Hepatics
on tree trunks near
15964

15968

Lidians
on tree trunks
near # 15964

Lichens on base of various
tree trunks in arroyo
between Santa Highway
15968 at Km 28 and Hacingo
Rner. in Sabana de la
Rosa, Oct 11, 1947 V
H. A. Allard

15969

Lichens on tree
trunks with # 15968 ditto

15970

Mosses and hepatics
on tree trunks and branches
of trees with # 15968 ditto

15971

Lichens
on tree trunks
near # 15968 V ditto

15972

Lichens on
tree trunks near
15968 V ditto

15973

Lichens on tree
trunks near # 15968 ditto

15974

Lichens on trees
etc near # 15968 V ditto

Sedge, in
mud in arroyo same
data
15975 near # 15968

15976

Sedge, in
mud in arroyo ditto
with stream near #
15968

15977

Scleria
in mud in arroyo ditto
with # 15968

15978

Scrambling
grass growing
over shrubs, ditto
with # 15968

15979

In wooded section
of arroyo

15980

Growing herb on
wet banks in shaded ditto
arroyo with # 15978
fl. bluish, fruit blue.

15981

Mosses on tree trunks
in arroyo near # 15978 ditto
Mosses, hepatics
on tree trunks near
15980 ditto

15982

Lichens - Parmelia 2
on tree trunks in arroyo
near # 15980 (6 yr old)
date
etc

15983

Parmelia 3
on tree trunks
near # 15982 ditto

15984

Hepaticae or mosses
near # 15982 ditto

15985

Mosses, lichens etc
on trees near # 15982 ditto

15986

yellow fl. herb
in pasture near
15985 ditto

15987

moss Near
15985 ditto
in damp soil in red
garry arroyo

15988

Cladonia on
old trunks in arroyo
near # 15982 ditto

15989

Mosses - hepaticae
on tree trunks
near 15982 ditto

15990

Lichens - mosses
etc on tree trunks
near # 15982 ditto

15990a

lichen

15991

Mosses - hepaticae
near # 15982 ditto
on trees

15992

Lichens on tree
trunks near # 15982 ditto

15992a

lichen

15993

Mosses - hepaticae
on trees etc near
15982 ditto

15994

Lichens on
trees near # 15982 ditto

15995

Mosses, hepaticae
on tree trunks near
15982 ditto

15996

Mosses, hepatic
in arroyo 1 1/2 miles
from Hl, 28 on Duarte
highway toward Sabana
Haina River on Sabana
de la Pasa. Oct. 11, 47
H.A. Allard

15997

Mosses, hepatic
on trees in arroyo
near # 15996

ditto

15998

Lichens etc
on trees near # 15996

ditto

15999

Huge vine scrambling
over trees in arroyo
near # 15996
not in flower, sap biting.

ditto

16000

Mosses - hepatic
on trees near # 15996

ditto

16001

Grass, in bottom
arroyo in water
near # 15996

of duff

ditto

16002

Orchid on tree
with leaf spots

Path, near # 15996

ditto

16003

Cyperaceae
in arroyo in
mud near # 16001

same date data

16004

Piperaceae
in arroyo near
16001

ditto

16005

Thin sedge
on bank in
arroyo near
16001

ditto

16006

Cladonia
on bark of tree
near # 16001

ditto

16007

Moss
on tree near # 16001

ditto

16008

Legume - high
climbing, white fl
in arroyo, near
16001

ditto

16009

Sedge
in arroyo, near
16001 dry soil

16010

Rubiaceae, fl. white
In dry Sabana de la Pasa
near D. Norte Highway
100 28- 1 1/2 miles between
in wd. Haina River.
Oct. 11, 1947
H. A. Allard

16011

Herb - purplish fl.
In Sabana near
16010 - dry soil ditto

16012

Herb - showy yellow fl.
with # 16011
Dry soil ditto

16013

Cyperaceae
In moist soil near
16011 ditto

16014

Large fl. herb -
crimson, showy fl.
In moist muddy area
in Sabana near # 16011 ditto

16015

Grass - in Sabana
dry soil - near # 16011 ditto

16016

Sedge in moist soil
near # 16011 ditto

16017

Yellow fl. star grass
In dry soil near
16011 same
date
etc

16018

Sedge
In dry soil in
Sabana near # 16011 ditto

16019

Trailing, climbing
legume; fl. white
In arroyo near
16011 ditto

16020

Shrub or small tree
in fruit. In arroyo near
16019 ditto

16021

Vine high up in
shrub - leaves
mature fruit translucent white
In arroyo near # 16019 ditto

16022

Arundo
Climbing fern
In arroyo near
16019 ditto

16023

Purplish fl.
In dry soil near
16018 ditto

16024

Cyperaceae
In arroyo - on Sabaya
de la Haza near # 28
Smart Highway -
1 1/2 miles toward Haina
River Oct. 11, 1947
H.A. Allard

16025

herb. in moist soil ditto
near # 16021

16026

Long Cyperaceae
In dry soil in
Sabana near # 16024 ditto

16027

Cyperaceae
Near # 16024 ditto

16028

Cyperaceae
Dry soil near # 16024 ditto

16029

Panicum
In dry arroyo
near # 16024 ditto

16030

Mass
In old wood
in damp arroyo near ditto
16024

16031

Orchid on tree
Petals white with
median red mark
In damp arroyo
near # 16024
Rare in blower run
Some data etc

16032

Orchid -
at base of tree
fl. red, shiny
Near # 16024 ditto

16033

Diodia
In dry soil in
Sabana near # 16024 ditto

16034

Bromeliad on
tree in arroyo
near # 16024 ditto

16035

Orchid - near face
tree fl. greenish
Near # 16024 ditto

16036

Cyperaceae
In red soil near
stream in arroyo near
16024 ditto

16037

Sedge
In red soil
near # 16024 ditto

Reddish purple fl.
Herb in dry Sabana
de la Boca near
16038 Santa Highway 126 28,
between there and Haina
River - 1 1/2 miles from
126. 28. Oct. 11, 47, H.A. Allard

16039 white fl. herb,
In dry soil near # 16038
Diodia?

16040 Delicate herb - fl
white. with # 16039 ditto

16041 Yellow fl. herb
shony. with # 16039 ditto
dry grassy soil.

16042 Lichens on coffee
sticks (dead). Near
Colonia Ramfis near 1800ft
Oct. 12, 1947
H.A. Allard

16043 Mosses and liverworts
on the trunk - Colonia
Ramfis. Oct. 12, 1947 ditto

16044 Legume - shrub
with crimson, pendul,
elongate fl. Near
16043 ditto

Thallous liverwort on
soil on bank; near
16043 same
data
etc

16045

16046 Low legume with
small purplish fl
with # 16043 ditto

16047 Pilea,
on bank near #
16043 ditto

16048 Pilea, round leaves
creeping,
Near # 16043 ditto

16049 Herb - white fl.
in small heads,
at Colonia Ramfis ditto

16050 Clitoria
purplish large fl.,
on bank climbing
over shrubs etc. near
16049 ditto

16051 Bauhinia - in garden
at San Juanillo,
upper petals yellow. leaves blotched
with red, others white dotted with red
Oct 13, 1947 H.A. Allard

16052

Mosses on dead log
along river at foot of pine
barrens at Piedra Blanca,

Oct. 14, 1947

- Maimon
River, ✓

16053

On logs near # 16052

ditto
L

16054

Gerardia -
on pine barren slopes,
very steep and rocky near
Piedra Blanca

ditto

16055

Low creeping plant
in moist ravine near
16054: fl. white, small

ditto

16056

Shrub - fls yellow
leaves rusty beneath
in dry arroyo near #
16054 on pine barren
slopes,

ditto

16057

Small, hairy - fan-shaped
leaves, silvery beneath
10-15 feet tall. On steep
pine slopes at 1000 ft near
16054 see photo.

ditto

16058

fern - on dry pine
barrens among rocks
at 1000 ft near # 16054

ditto

16059

Sedge. On dry pine barren
slope near # 16054

same
data
etc
same date

16060

Panicum
on dry rocky steep
pine slope with # 16059
abundant here

ditto

16061

Like foxtail - a grass
with # 16059
very scabrous panicles

ditto

16062

Red flowered shrubby
legume - showing
on pine barren slope
with # 16059

ditto

16063

Low rosette plant with
spreading panicles of tiny
whitish fl. with # 16059
Locally abundant here

ditto

16064

yellow fl - Cassia?
with # 16059

ditto

16065

Scabrous Dioclea -
fl. white climbing high over trees,
stumps, near # 16059
in moist arroyo.

ditto

~~Young~~ - small, white fl.
a low shrub, on steep,
dry, rocky pine barren
slope at Piedra Blanca
at 1000 ft

16066 ✓
16067 Panicum - on dry,
rocky pine-covered slope ditto
with # 16066

16068 slender-panicled grass
with purplish panicles ditto
with # 16066

16069 ✓ Small tree in dry
arroyo near # 16066 ditto
Leaves large, dark green, opposite,
thick, fl. red in axillary
almost sessile panicles

16070 ✓ Low herb, fl. purplish red
on pine barren slopes near ditto
16066

16071 ✓ Composite herb
On pine barren slopes ditto
with # 16066 fl. reddish

16072 ✓ Scandent - trailing
pl. purplish. On dry
pine barren slopes with ditto
16066

Lichens on margins of
tree trunks at foot of
pine barrens near ✓
16073 Piedra Blanca at 600
ft. Oct. 14, 47. H.A. Alford

16074 ✓ Trailing legume
on pine barrens with ditto
16072

16075 Setaria like grass
on pine barren slopes ditto
near # 16072

16076 ✓ Grass
with # 16072 ditto

16077 ✓ Climbing woody vine
like Sundrop - leaf with
pubescence; in arroyo
near # 16072 ditto

16078 ✓ Rubiaceae - linear
leaves - reclining fl.
small, white ditto
In dry arroyo near # 16072

16079 ✓ Setaria-like grass
In dry rocky soil near ditto
16072

Low white flowered herb
in moist arroyo on pine
barren slopes near
16080 Piedra Blanca Oct. 14, 47
H. G. Allard
✓ bl with long slender corolla tube

16081 Pubescent panicum
in arroyo with
16080 ditto

✓ 16082 Slender plant with
linear leaves, white clusters
like heads ditto

16083 On moist barren rocky
pine slopes near 16081

✓ Delicate yellow flowered
slender herb, with
16082; showy ditto

16084 Grass - On pine barren
slopes near # 16082 ditto

16085 Legume slender,
creeping,
with # 16082 ditto

✓ 16086 Rosette plant with
pinkish blouses
with # 16082 ditto

Small yellow-fl. herb
On pine barrens near
16087 # 16086 same
data

✓ 16088 white fl. delicate
herb, with # 16087 ditto
linear leaves.

16089 Low, compact
panicum - in
dry rocky pine barrens ditto
near # 16087

✓ 16090 Plant in water on rocks
in Maimon River at
foot of above pine barrens ditto

16091 Slender along river
near # 16090 ditto

16092 Paspalum
along Maimon River
near # 16090 ditto

✓ 16093 In water attached
to mud and rocks
with # 16090 ditto

Plant matted
in damp soil among
rocks of Maimon River,
at foot of steep banks
near Piedra Blanca
10/14/47. H.A. Allard

16095 Grass, *Parhelia*
along Maimon River ditto
in rocky soil overflown.

16096 Rattle-pink flowered
grass. Near Villa Alta
Gracia on Duarte Highway
10/14/47 H.A. Allard

16097 Pink flowered
Bauhinia - a tree
at Los Alcarizos.

16098 fl. fragrant 10/14/47
H.A. Allard

16099 *Desmodium*
by roadside near
16097 ditto

16099 Purple fl. trailing
legume; near # 16097 ditto

16100 Prostrate, scrambling
legume; with broad angulate
toothed leaves; purple flowers
showy; near # 16099

Dioclea - or *Purpurea*
in dry soil on pine slope
10/14/47 H.A. Allard

16102 Lichens on wood -
high branches of tree
at Big Caves west of
Ciudad Trujillo Oct. 17, 1947
H.A. Allard

16103 *Hepatic* on tree
near # 16102

ditto

16104 Mosses and *Hepatic*
on limestone rocks
and trees at above caves

ditto

16105 Mosses on bark on
logs etc. with # 16102

ditto

16106 Mosses bright green in very
moist shaded situation on
vertical walls near caves above

ditto

16107 Bluish green lichen
on tree - near # 16102

ditto

16108

Mosses on rocks
at Big ^{limestone} ~~carex~~ near (nest.)
of Ciudad Trujillo
Oct. 17, 1947
H.A. Allard ✓

16109

Hepatic, mosses
on tree trunks
near # 16108 ✓

ditto

16110

Mosses - lichens
on tree rocks near # 16108 ✓

ditto

16111

Lichens on trees
near # 16108 ✓

ditto

16112

Hepatic on trees
near # 16108 ✓

ditto

16113

Lichens on trees
near # 16108 ✓

ditto

16114

Mosses on dead
logs
near # 16108 ✓

ditto

16115

Mosses on dead logs at
carex, with # 16108
Oct. 17, 1947 ✓

H.A. Allard

16116

Mosses on dead wood
with # 16115 ✓

ditto

16117

Hepatic bright green
on faces of tree trunks
with # 16108 ✓

ditto

16118

fungi on logs
near # 16108
(for J.A. Stenstrom) ✓

ditto

16119

Myxomycetes on leaves
of tiny plant, near
16108 ✓

ditto

16120

Mosses, lichens etc
on trees near # 16108 ✓

ditto

16120a

16121

Mosses etc on sticks
with # 16108

ditto

16122

Mosses etc on
dead bark of logs
at big caves and limestone
coral rock west of
Ciudad Trujillo, ✓
Oct 17, 1947
H.A. Allard

16123

Mosses etc
on logs near # 16122 ditto ✓

16124

Mosses on dead logs
etc. In ravine
near # 16122 ditto ✓

16125

Mosses on dead
logs near # 16122 ditto ✓

16126

Mosses on logs etc
Near # 16122 ✓ ditto

16127

Mosses, Hepaticae on
logs near # 16122 ✓ ditto

16128

Mosses etc
on logs etc; near
16122 ✓

16129

Mosses, Hepaticae on
dead wood near
16122 ✓ Same data
Oct 17, 1947
H.A. Allard

16130

Mosses etc on
dead logs near
16122 ✓ Oct. 17

16131

Mosses-lichens
on dead logs
near # 16122 ditto

16132

Mosses etc
on dead logs with
16122 ✓ ditto

16133

Mosses etc with
16122 - on dead
wood ✓ ditto

16134

Mosses-lichens
on dead wood near
16122 ✓ ditto

16135

Mosses etc
on dead logs near
16122 ✓ ditto

Mosses, etc in dead wood etc
at big cays west of Lindach
Trujillo in coral limestone

16136

Oct. 17, 1947. H.A. Allard

✓

16137

Mosses etc
on dead bark of logs
near # 16136

✓ ditto

16138

Mosses etc in dead
bark in same near
16136

✓ ditto

16139

Mosses, liverworts
in dead wood near # 16136

✓ ditto

16140

Mosses and liverworts
on dead sticks
near # 16136

✓ ditto

16141

Mosses, liverworts
in dead wood
Near # 16136

✓ ditto

16142

Mosses, hepatic
in dead wood
near # 16136

✓ ditto

Mosses, hepatic in

Oct. 17

dead wood etc,

H.A. Allard

16143

Near # 16136

✓

16144

Mosses, hepatic
with # 16136

ditto

✓

16145

Mosses, hepatic
near # 16136

ditto

✓

16146

Mosses, hepatic
in dead sticks etc
Near # 16136

ditto

✓

16147

Mosses on rocks
Near # 16136

ditto

✓

16148

Mosses on rocks etc
Near # 16136

ditto

✓

16149

Mosses and hepatic
Near # 16136

✓

Mosses, hepatic on
limestone (coral rocks) at big
caves west of Ciudad Trujillo
Oct 17, 1947, H.A. Allard
✓

16150
16151 Mosses etc on
trunks etc, near # 16150 ditto
✓

16151a lichen ✓

16152 Lichens on
wood, near # 16150 ditto
✓

16153 Mosses - etc on
bark - near # 16150 ditto
✓

16154 Mosses, hepatic on
bark of trees near # 16150 ditto
✓

16155 Mosses, liverworts
on bark etc # 16150 ditto
✓

16156 Mosses, hepatic
on bark, near # 16150 ditto
✓

Mosses, hepatic
on bark etc, Oct 17, 1947
near # 16150 H.A. Allard
✓

16157
16158 Mosses, hepatic
on bark etc, near # 16157 ditto
✓

16159 Mosses, lichens etc
on bark of trees
near # 16150 ditto
✓

16160 Mosses, hepatic etc on
trees near # 16150 ditto
✓

16161 Lichens, hepatic etc
on trees at base
near # 16150 ditto
✓

16162 Mosses etc on
trees near # 16150 ditto
✓

16163 Hepatic etc on
wood - near # 16150 ditto
✓

16164

Mosses, hepaticae in
wood in ravines at
Big Caves in coral limestone
west of Ciudad Trujillo
Oct. 17, 1947
H.A. Allard ✓

16165

Mosses, lichens etc
on bark of trees; near # 16164 ditto
✓

16166

Mosses - hepaticae etc
on wood etc; near
16164 ditto
✓

16167

Mosses, hepaticae
on trees; near # 16164 ditto
✓

16168

Mosses on rocks
Near # 16164 ditto
✓

16169

Mosses etc
on rocks near
16164 ditto
✓

16170

Seed from ^{same} pink, fragrant flowered
Bauhinia tree at Los Alcarizos
16171 See # 16097 (Allard) ✓

16172 Seed from same Aristolochia
found at Piedra Blanca by Allard
1945-46 - See ^{field} number for species ✓

16173 Seed of very large var. of
Annona muricata - Ciudad
Trujillo - soft shiny pericarp
on fruit. See photo (poor) ✓

16174 Seed of small fruited var
of Annona muricata
Ciudad Trujillo -
See photo (poor) ✓

16175 seeds of javilla tree
Hura crepitans L. Oct 1947
Ciudad Trujillo
seeds black, size of nickel
edge thin

16176 Seeds of Limoncillo -
Melicocca bijuga L.
Ciudad Trujillo (see photo)
Oct. 1947. H.A. Allard ✓

16177 Seeds of Annona amarilla
- Spondias mombin L.
Ciudad Trujillo - Sept. 1947
See photo - H.A. Allard. ✓

Moss on bark of limbs of
cajonil tree, Ciudad Miguelo,
Oct. 18, 1947
H. A. Allard

16178

16179

Lichens on same tree
on bark with # 16178

ditto

16180

Lichens on same bark
of tree with # 16178

ditto

16181

Lichens on bark of same
tree with # 16178

ditto

16182

Lichens on bark of same
tree with # 16178
yellowish green Parmelia?

ditto

16183

Lichens on same tree
with # 16178

ditto

16184

Lichens on same tree
with # 16178

ditto

Orange colored lichen on
same tree with # 16178 Oct. 18

16185

16186

Lichens on same tree
with # 16178

ditto

16187

White lichen on
same tree with # 16178

ditto

16188

Lichens (various) on
same tree with # 16178

ditto

16189

Lichens on bark
of same tree with # 16178

ditto

16190

Lichens on bark of
same tree with # 16178

ditto

16191

Moss on same
tree near top with # 16178
16191a lichen

ditto

Lichens on bark of tree
near top of cajuil tree in
16192 Ciudad Trujillo Oct. 18, 1947
H.A. Allard ✓

16193 Lichens on trunk of
Hura crepitans L ✓
Ciudad Trujillo -
Oct. 18, 1947. H.A. Allard

16194 Lichens on bark of
tree near # 16193 ✓ ditto

16195 Lichens on old
fence post near # 16193 ✓ ditto

16196 Lichens - one small brilliant
yellow, one gray, on bark
of tree near # 16193 ✓ ditto

16197 Mosses - lichens
on cajuil tree ✓ ditto
Oct. 18.
near # 16193

16198 Lichens on bark of
Poinciana tree ✓ ditto
near # 16193

Lichens on Cajuil tree
near # 16193 Oct. 18, 1947
H.A. Allard ✓

16199

16200 Lichens on young tree
high up tree. Oct. 18, 1947
Ciudad Trujillo ✓

16201 Hepaticas, mosses at
base of a mango tree ✓ ditto
Ciudad Trujillo.
Aug. 18, 47

16202 near # 16193 ✓ ditto
Mosses, hepaticas on
same tree with # 16201 ✓ ditto

16203 Lichens on host ✓ ditto
near # 16201

16203a Lichens ✓ ditto

16204 fungi - (gill) ✓ ditto
on host near # 16201

16205 Fern (small) on
limestone (coral) rock in
big Cares near Ciudad Trujillo ✓
Oct. 19, 1947 H.A. Allard

16206

Mosses, hepatic
On dead wood in big
cave west of Ciudad Trujillo
Oct 19, 1947
H. A. Allard

16207

Mosses on wood
near # 16206

ditto

16208

Mosses on dead
wood near # 16206

ditto

16209

Mosses on old logs
near # 16206

ditto

16210

Mosses on old logs
near # 16206

ditto

16211

White lichen patches
on strangling fig trunk
near # 16206

ditto

16212

Mosses etc on
wood and bark near
16206

ditto

16213

Mosses, hepatic
on trees etc near
16206

Same
data

16214

Mosses etc
on rocks near # 16206

ditto

16215

Mosses, hepatic
on dead wood near # 16206

ditto

16216

Mosses, hepatic
on dead wood etc on dead
wood near # 16206

ditto

16217

Mosses etc on dead
wood etc near # 16206

ditto

16218

Mosses etc on wood
near # 16206

ditto

16219

Mosses, hepatic
on wood near # 16206

ditto

16220

Mosses, hepatics on
logs etc. at big Cacao nest
of Ciudad Trujillo
Oct. 19, 1947
H.A. Allard

16221

Mosses on wood etc
near # 16220

16222

Lichens on bark of
strangling fig near
16220

16223

Shrub near # 16220
bright green immature

16224

Herbs - small whitish
fl., near # 16220

16225

Shrub - green
fruit only
near # 16220

16226

Mosses
on logs etc
near # 16220

Blue flowered high climbing
legume - in cacao

16227

near # 16220
Has large, root like
sweet potato; not edible.
Native name = Jicamo.

16228

Lichens on
ura de Playa tree
Guaia Beach, Oct. 19, 1947
H.A. Allard

16229

Lichens on same tree
with # 16228

16230

Lichens on
ura de Playa tree
near # 16228

16231

Lichens on same tree
with # 16228

16232

Lichens on same
tree with # 16228

16233

Lichens on same
tree with # 16228

Same data

ditto

ditto

ditto

ditto

ditto

16234

Lichens on tree trunk
de Playa - at Haina
Beach - Oct. 19, 1947
H.A. Allard ✓

16235

Lichens on same tree
with # 16234
tree 16228 ✓ ditto

16236

Lichens on trees
near 16228
- La de Playa ✓ ditto

16237

On Lichens
same sp tree -
near # 16228 ✓ ditto

16238

Lichens
on same tree with
16237 ✓ ditto

16239

Lichens on roots
exposed of Royal Palm ditto
near # 16237 ✓

16240

Moss in rotten notch
of La de Playa ditto
near # 16237 ✓

16241

Orange red lichens on
bank of La de Playa
Haina Beach
Oct. 19, 1947
H.A. Allard ✓

16241a algae

16242

Cactus on coral rock
near Haina Beach - ditto
2-3 ft tall = Opuntia

16243

Flowers pale cream?
fruit very juicy with carmine
fruit 2-3 in long juice

16244

Sedge
On rocky ledges of
coral rock near # 16242 ditto
Sedge
with # 16243 ditto

16245

Small,
yellow flowers, fleshy
plant covering same rocks
near # 16243 ditto
terrestrial

16246

Grass
with # 16243 ditto

16247

Grass with #
16243 ditto

16248

Grass on coral rock
outcrops near Haima Beach
Oct. 19, 47. H.A. Allard

16249

Grass ^{growing} near
16248

ditto

16250

Pink flowered fleshy
trailing legume
with # 16248 - showy

ditto

16251

Compositae - herb -
fl. small, white. In
woods near Colonia Ramfis,
at 1600 ft Oct. 20, 47
H.A. Allard

16252

Pilea - fruticose
In heavy shade with
16251

ditto

16253

Herbaceous
In woods with # 16251

ditto

16254

Low shrub
fl. white
Near # 16251

ditto

Grass - In woods near same
data
16251

16255

16256

Low herb - whitish fl.
In old banana plantation
near # 16251

ditto

16257

Begoniad
In woods near 16251
fl. white and red
showy

ditto

16258

Griseb. toechia
trailing. In woods
near # 16251
Pods reddish

ditto

16259

Legume; fl. small blue,
climbing over herbage
Roadside near # 16251

ditto

16260

Tomato. In open
thicket near # 16251

ditto

16261

Piper - Low shrub
Near # 16251

ditto

Coffee leaves with leaf spot
disease. Near Colonia Ramfis
at 1600 ft, in woods

16262

Oct 20, 47

H.A. Allard

for J.E. Stevenson

16263

Herb. in woods

near # 16262

fl. greenish - in heads like
clover ditto

16264

Dioscorea ? Rubiaceae

fl. small, white,

Roadside near # 16262 ditto

16265

Low shrub

In shaded woods

near # 16262 ditto

16266

Small plant near

16262

leaf spots ditto

16267

Delicate *Paricium*

In shade of woods

near # 16262 ditto

16268

Short grass in

woods near # 16262 ditto

grass. In woods

near # 16262

Same date
data etc.

16269

16270

Yellow fl. *Bidens* ?
(Composite) In woods

near # 16262 ditto

16271

Paspalum

In woods near # 16262 ditto

16272

Shrubby

fl. deep rose.

Thicket near # 16262 ditto

16273

Shrub. fl. red.

leaves very rugose

Near # 16262 ditto

16274

Yellow fl. Marigold

Escaped in gullies by
roadside near # 16262

very showy ditto

16275

Fern - photo

near Colonia Ramfis
on rocky bank (dry) ditto

Trailing Pilea - On
bank of deep cut near
✓ 16276 Colonia Parufiz at
1200 ft. Oct. 20, 1947
H.A. Allard

16277 Moss on moist earth
of bank near # 16276 ditto ✓

16278 Clitoria - fl. blue-purple
climbing over barage
near # 16276 ditto ✓

✓ 16279 weak, dangling, climbing
shrub; fl. pinkish and
red. Near # 16276 ditto ✓

16280 Lichens on dead
bark in woods at 1600 ft
near Colonia Parufiz
Oct. 20, 1947. H.A. Allard ditto ✓

16281 Lichens with
16280 ✓ ditto ✓

16282 Lichens with
16280 ✓ ditto ✓

Mosses on dead wood
etc near 16280. same date,
data,
16283 ✓

16284 Lichens on dead
wood etc near # 16280 ditto ✓

16285 Lichens on old logs
etc, near # 16280 ditto ✓

16286 Lichens on old logs
etc near # 16280 ditto ✓

16287 Mosses on old logs
etc, near # 16280 ✓ ditto ✓

16288 Mosses on
old logs etc near
16280 ditto ✓

16289 Mosses on
old logs etc near
16280 ditto ✓

Mosses on old logs
etc., at 1600 ft. in mts ✓
16290 near Colonia Pacific
Oct. 20, 47. H. A. Allard

16291 Mosses etc.
on logs, bare trees
etc. near # 16290 ✓ ditto

16292 Mosses on dead wood
etc. near # 16290 ✓ ditto

16293 Mosses on logs
etc., near # 16290 ✓ ditto

16294 Mosses on dead
logs etc. near # 16290 ✓

16295 Mosses on dead logs
etc., near # 16290 ✓ ditto

16296 Mosses on dead logs
etc., near 16290 ✓ ditto

Mosses on earth
rocks, etc. near ✓ Same
data
16297 # 16290

16298 Mosses on soil
rocks etc., near ✓ ditto
16290

16299 Mosses on soil,
rocks etc., near ✓ ditto
16290

16300 Mosses, etc.
on rocks etc., near ✓ ditto
16290

16301 Mosses, hepatics
on bark, logs etc. ✓ ditto
near # 16290

16302 Mosses, hepatics
on bark, logs etc. ✓ ditto
near # 16290

16303 Mosses, hepatics
on bark, soil etc. ✓ ditto
near # 16290

Mosses, hepaticae
on bark, logs etc. at 1600 ft
16304 near Colonia Ranfis,
Oct 20, 47 H. A. Allard

16305 Hepaticae etc on
bark of tree near
base, near # 16304 ditto
brilliant green

16306 Mosses etc on logs
bark etc., near # 16304 ditto

16307 Mosses, hepaticae etc
on bark, etc near
16304 ditto

16308 Mosses, hepaticae
on bark of trees
etc., near # 16304 ditto

16309 Mosses, hepaticae etc
on bark, logs etc
near # 16304 ditto

16310 Mosses, hepaticae etc
on bark, logs etc
near # 16304 ditto

Lichens on trunks of same data
trees etc., near # 16304

16311
and
16311a

16312 Plant clinging to tree trunks
in blower, oval leaves;
near # 16304 ditto

16313 Coffee leaves with lichens on
upper surface; near # 16304 ditto
Oct 20

16314 Mosses on tree trunks,
dead wood etc.
near # 16304 ditto

16315 Mosses hepaticae on
tree trunks, dead wood
etc., near # 16304 ditto

16316 Lichens on tree trunks
near # 16304 ditto

16317 Lichens on tree
trunks, etc., near
16304 ditto

16318

Mosses on tree trunks
at 1600 ft. near Colonia Ranfies
Oct. 20, 1947
H. A. Allard

16319

Lichens on trees
near # 16318

✓ ditto

16320

Lichens on trees
near # 16318

✓ ditto

16321

Lichens on bark of
trees near # 16318

✓ ditto

16322

Lichens on bark of
trees near 16318

✓ ditto

16323

Lichens on bark of
trees near 16318

✓ ditto

16324

Lichens on bark
of trees near
16318

✓ ditto

16325

Lichens on trees
etc., near # 16318

Same
date
data

16326

Lichens on trees
etc.
near # 16318

ditto

16327

Lichens on trees, dead bark
etc., near # 16318

✓ ditto

16328

Lichens on tree
bark; near # 16318

ditto

16329

Lichens on janilla
tree - dead near
16318

✓ ditto

16330

Lichens on tree bark
etc., near # 16318

ditto

16331

Mosses, hepatics
on bark etc.
near # 16318

✓ ditto

16331a lichens ✓

Mosses etc. on Twigs
of trees at 1600 ft near Colonia
Ramfis, Oct. 20, '47
H.A. Allard ✓

16332 Mosses etc. on twigs trees
etc near # 16332 ✓

16333 Mosses - hepatic
on bark etc; near
16332 ✓ ditto

16334 Mosses - hepatic - in shaded
moist bank near
16332 ✓ ditto

16335 Mosses - hepatic
on bank near
16332 ✓ ditto

16336 Mosses, hepatic
on moist, shaded bank
near # 16332 ✓ ditto

16337 Mosses; hepatic on
moist, shaded bank near
16332 ✓ ditto

Mosses hepatic
on moist bank
near # 16332 ✓

16339

16340 Lichens, hepatic
on moist bank
near # 16332 ✓ ditto

16341 Hepatic on moist
bank near # 16332 ✓ ditto

16342 Hepatic, mosses
on moist bank near
16332 ✓ ditto

16343 Hepatic on moist soil
on moist bank
near # 16332 ✓ ditto

16344 Purple fl. acanth.
laminas, near Embassy
Oct. 21, 1947 ✓ ditto

16345 Centrosoma
virginiana (guess)?
In thickets at Ciudad Trujillo
near Allard; fl. purplish blue
climbing Oct. 22, 1947. H.A. Allard ✓ ditto

Large, flower Clitoria -
high climbing fl. large white
middle of standard and tips of wings
magenta purple; incl. pure white
only. Very showy, fl 2 in long, wide
or more, thickets west of Ciudad Trujillo
Oct. 22, 47. H.A. Allard

16346 Desmodium - dense herb.
Near # 16346; fl. whitish
2-3 feet tall ditto

16348 Wild or escaped Mimosa;
fl. white, in thickets ditto
near # 16346

16349 Vine, lying over shrubs etc.
by tendrils - fl. white, small
in narrow racemes
In thicket west of Ciudad
Trujillo on coral formation
Oct. 23, 47. H.A. Allard

16350 Legume - shrub
Near # 16349 ditto

16351 Shrub - yellow, nodding
Rather showy - Malvaceae
Near # 16349 ditto

16352 Viny shrub; fl. small
white, corymbose
In thicket near # 16349 ditto

Shrub - 5-6 ft or more
Branchlets rusty hairy

16353 In thicket near # 16349
Oct. 23, 47. H.A. Allard

16354 Desmodium - fl. small
with purplish blue standard
Pondside near # 16353 ditto

16355 Acanthaceae - low -
herbaceous - creeping by stolons
fl. purplish blue; a seed in
lawn etc.; very abundant ditto

16356 Grass - Cenchrus
Along roadside near # 16353 ditto

16357 Wild, white flowered Coral vine
Roadside near # 16353 ditto

16358 Herb with adpressae, small
furs - Roadside near
16353 ditto

16359 Lichens on lining bank
west of Ciudad Trujillo on
coral rock formation
Oct. 24, 1947
H.A. Allard

16360

woody vine in thicket
out of Ciudad Triunfo, on coral
rock formation 01, 24, 47
H.A. Allard

16361

Lichens on living bark
near # 16360

ditto

16362

Lichens on living bark
Near # 16360

ditto

16363

Lichens on living
bark near # 16360

ditto

16364

Lichens on living
bark near # 16360

ditto

16365

Mosses, high atop on
living bark at base of
trees near # 16360

ditto

16366

Phaseolus lunatus
In thicket near # 16360

ditto

16367

Legume - small
deep rose papilionaceous
flowers; near # 16360
Same data

16368

low vine - with
16360 fl. small
greenish - Passiflora? ditto

16369

Grass - On coral
rock near # 16360

ditto

16370

Passiflora - vine
near # 16360; fl. greenish ditto

16371

Small vine on coral
rock rooted in niches
etc; fl. small, yellow
Near # 16360

ditto

16372

Solanum - fl. white
5-6 ft. tall; Near # 16360 ditto

16373

Sporocarpium
deep rose -
Near # 16360

ditto

16374

Grass climbing over
shrubs, on coral rock
formation west of
Ciudad Trujillo

Oct. 24, 47

H.A. Allard

16375

woody vine - Smilax?
Scrambling over shrubs

near # 16374

ditto

16376

Sponsoea batatas
Sweet potato

In waste ground near
16374: fl. white wth
corolla throat.

ditto

16377

Shrub - 6-8 ft - fl
yellow; Malvaceae

Near # 16374

ditto

16378

Vine - Cucurbitaceae
fl. yellow; near

16374

ditto

16379

Sponsoea - fl. - purple
Near # 16374

ditto

16380

Cucurbitaceae, vine
fl. yellow; fruit orange
Near # 16374

ditto

16381

Low mat plant -
fl. white, small, thin
soil near # 16374

Same
data

16382

Lichens on ^{dead} twigs
Ciudad Trujillo Oct. 26,
H.A. Allard

V

16383

vanilla flower spike
and leaves; stem shape
shille cone-shaped dark
red

16384

Between Constanta and Jaraboa
at 3500 ft - Oct. 29, 1947
H.A. Allard

Tutana
fl. lilac purple

16385

Legume - fl. deep rose small,
showy. Phaseolus?
Near # 16384

ditto

16386

Grass - Near highway
Near # 16384

ditto

16387

Near # 16384

ditto

on highway between Constanza and
Jarabacoa at 3500 ft,

16388

Shrub-pleasant, very scabrous,
fl. white, with fringed petals

16389

Solanum - tall 5-6 ft
Near # 16388

16390

Setaria
grass Near # 16388

16391

Low shrub; fl. in heads,
small, white
Near # 16388

16392

Trailing Desmodium
on dry bank near
16388 fl. bluish

16393

Compositae
Erigeron? Near
16388

16394

Euphorb - ascending
Near # 16388

Small, white high fl. plant
in dry soil near # 16388

16395

Caryophyllaceae?
stellaria?

16396

Diodia - Rubiaceae
Near # 16388
fl. white
Low - prostrate

16397

Shrub - 4-5 ft
fl. white near # 16388

16398

Compositae
fl. whitish or pinkish
Near # 16388

16399

Delicate Polygala
Near # 16388, in dry
soil fl. rose

16400

Same sp. of Polygala as
16399 - fl. pure white
Both growing together

16401

Low shrub; fl. deep rose
Near # 16388

same
date,
data,
etc

ditto

ditto

ditto

ditto

ditto

ditto

along highway in pines etc
between Jarabava and
Constanza, at 3500 ft,
Oct. 29, 1947. H.A. Allard

16402

✓
Gerardia
H. purple

✓ 16403

Pilea - trailing
Near # 16402

ditto

16404

✓ Pilea, erect; on
moist bank near # 16402

ditto

16405

✓ Composite, in gully
near # 16402; heads
yellow - far from habitations

ditto

✓ 16406

Low shrub
fl deep rose
Near # 16402

ditto

16407

✓ Tall herb; stems covered
with sharp needle-like
bristles; flowers past. 3-4
ft tall

ditto

16408

Panicum
on moist bank
near # 16402 - in
pine forest.

Shrub; *Hypericaceae*.
fl. yellow. Near # 16402
on pine slopes

16409

same
date,
data
etc,
↓

✓ 16410

Composite; fl. white
Tall shrub; Near
16402

ditto

16411

woody vine high climbing
fl deep yellow, showy.
Corolla short tubular
Near # 16402

ditto

16412

At La Cumbre at 4000 ft
between Constanza and
Jarabava, Oct. 29, 47
H.A. Allard.
Large bromeliad on tree -

ditto

16413

↓
Near # 16412
very damp, almost mossy forest
here

ditto

16414

Chenopodium
anthelminticum?
Near Constanza - wild.
at 3400 ft Oct. 29.
H.A. Allard.

16415

Very showy woody vine
on fence in Constanza; fl.
Very showy purplish blue
Oct. 29. H.A. Allard

16416

In Constanza Valley at
3400-3500 ft. Oct. 29,
In rich, black gumbo soil
H.A. Allard

16417

Near Constanza on
slope at 3400 feet
Oct. 29, 1947
H.A. Allard

ditto

16418

Promeliad
at La Cumbre at 4000 ft
between Constanza and
Jarabasco Oct. 29, H.A. Allard

16419

Mistletoe on tree
with # 16418

ditto

16420

Solanum
Near # 16418

ditto

16421

High-climbing woody
vine; fl. in dense, drooping
racemes, one inch or more long
Deep rose red; very showy
climber high in trees

ditto

16422

Vine; fl. large
like morning glory, deep
rose red, leaves with 5-6 palmate
leaflets, very showy near # 16418

ditto

Diodia ? Rubiaceae
fl. white -

16423

Near # 16418
Oct. 29, 1947
H.A. Allard

16424

Solanum 5-6 ft
Near # 16423

ditto

16425

Low, creeping plant
In damp soil in shade
near # 16423; abundant
fl. whitish with pink tips on
corolla lobes

ditto

16426

Shrub; fl. white
Near # 16423

ditto

16427

Diodia - Rubiaceae
Near # 16423
fl. white

ditto

16428

Yellow-eyed grass
fl. yellow
Near # 16423; in
thicket

ditto

16429

Leaf spot - beautiful on
Convolvulus Oct. 29

ditto

on path, Near # 16423

at La Cumbre between Constanza
and Jaraburo - at 4000 ft

Oct. 29, 1947

H. A. Allard

16430

In pine forested territory
Sun on grass; for Path.

16431

Eupatorium: fl. purple
In Constanza Valley
at 3400 ft. Oct. 29, '47
H. A. Allard

ditto

16432

Purplish lilac fl. like
a wild Isoramin; lower
with reddish shade in middle

ditto

16433

Sambucus

Near # 16431; cultivated
for medicinal virtues

ditto

16434

malvaceae

Tall 2-3 ft

fl. bluish purple; petals
with darker long, lines of deeper
purple; glossy; also cult.

ditto

16435

in Constanza

Moringa glauca

In Constanza Valley - on
hillside near # 16432

ditto

16436

fl. deep rose

Common

fl. white, in heads
near # 16432

Low, prostrate plant;
fl. very small
whitish to pinkish

16437

Near # 16432
on bank

same
date
data
etc

16438

Phytolacca - on road
to Valley Nuevo from
Constanza Oct. 28, '47
at 4008 feet: tall, fl.
pink; showy; common

ditto

16439

pink fl. Polygala
In pine forest near
16438

ditto

16440

Papaveraceae

Near # 16438
4-5 ft

ditto

16441

Lantana - fl orange to
red; in pine forest near
16438 at 4000 ft

ditto

16442

Centrosema

In thick brush
16438; common
fl. purple - 1 here

ditto

16443

Rubiaceae

fl. white - Diodora
near # 16438

ditto

16444 Grass ^{mt.} in pine forest
near on road to Valley Nuevo
from Constanza Oct. 28
1947, at 4000 ft. H.A. Allard
In pine forest at 4100 ft.

16445 Sedge. In wet spot
in pine woods near
16444 ditto

16446 Shrub; berries dark red;
leaves with crimson
variegation beneath - i.e. mid-
rib and laterals. Fl. large
near # 16444 deep crimson
Legume, trailing, beautiful
fl. deep rose purple in dense
near # 16444 racemes, more
drooping ditto

16447 Legume, trailing, beautiful
fl. deep rose purple in dense
near # 16444 racemes, more
drooping ditto

16448 Composite
near # 16444 ditto

16449 Aster fl. whitish to
bluish
near # 16444 ditto

16450 Sedge
Near # 16444 in
wet stubby woods; common ditto

16451 ~~Passiflora~~
In pine forest near
16444
at 4100 ft. Same data,
date ch.

16452 In pine forest
16444
fl. white at 4100 ft. ditto

16453 Salvia
Near # 16452
at 4100 ft. ditto

16454 Desmodium
Near # 16452
Trailing at 4100 ft. ditto

16455 Fern on rocks - trees
at 4100 feet in pine
forest, near # 16452 ditto

16456 Mint; fl. whitish
to pinkish.
with # 16452 ditto

16457 Commelina; fl. light blue
with # 16452 ditto

Salvia white fl.
In moist pine forest in road
from Guastamiza to Valle Nuevo
Oct. 28, 1947
H.A. Allard at 4100 ft

16458 ✓
16459 ✓ Near # 16458
shrub; fl. white to ditto
pinkish on back of petals,

16460 Grass - Poa? ditto
Near # 16458

16461 Andropogon.
In pine forest near ditto
16458

16462 ✓ Mint; fl. whitish; lower lip
pink; near # 16458 ditto
3-4 ft.
tree

16463 ✓ Hieracium
In pine forest near ditto
16458
fl. yellow.

16464 Andropogon ditto
Near # 16458

Polygala
bl. rose
Near # 16458
Same date
data

16465 ✓
16466 ✓ Sedge
In wet spot in pine forest near # 16458 ditto

16467 ✓ Begonia
In pine forest near ditto
16458
pink fl.

16468 ✓ Eupatorium
2-3 ft; fl. lilac-purple ditto
Near # 16458

16469 Setaria
Near # 16458 ditto

16470 ✓ Bidens
yellowish heads
Near # 16458 ditto

16471 Paspalum
Near # 16458 ditto

sedge
In moist soil near spring
moist pine forest at 4100 ft
on road from Constanta to
Valle Nuevo Oct. 28, '47
H.A. Allard

16472
Large yellow flowers -
shrub - 3-4 ft
Near # 16472 ditto

16473
Comp.
Near # 16472 ditto

16474
Panicum - stiff - in
wet pine slope
near # 16472 ditto
stiff, wiry,

16475
Galium - prostrate
descending,
Near # 16472 ditto
fl. white

16476
Low, creeping, in mud
Near # 16472 ditto
Primulaceae

16477
Polygomon; fl. white
In slash with # 16477 ditto

Setaria?
Near # 16472 same data,
data,
etc

16479

16480 Woody vine very showy
fl. like morning glory, deep
rose; leaves 5-6 palmate
leaflets; same as 16472 ditto
very showy. Near # 16472

16481 Cassia
fl. yellow; low shrub
Near # 16472 ditto

16482 Mikania; fl. white
In moist pine forest
near # 16472 ditto
fl. not fragrant.

16483 Composite
fl. small yellow
Hairs glutinous; prostrate
with long glutinous hairs ditto

16484 Panicum
In pine forest at 4200 ft
on road from Constanta to
Valle Nuevo, Oct. 28 ditto
H.A. Allard

16485 Shrub; berries red
like a Berberis ditto
Near # 16484

Palca -
At 4200 ft. in moist,
almost mossy pine forest on road
16486 from Constanza to Valle Nuevo
Oct. 28, 1947
H.A. Allard

16487 Tall shrub or small tree
near # 16486 ditto
Leaf spec. for U.S.D.A.

16488 *Panicum*
near # 16486 ditto

16489 *Cassia*
fl. yellow - shrub ditto
near # 16486

16490 Tall Legume; fl. bluish
4-5 ft. ditto
near # 16486

16491 *Bidens*: heads yellow
near # 16486 ditto

16492 *Pilea* - trailing
near # 16486 ditto

Galium
At 4000 ft
#16492 A on road from Constanza
to Valle Nuevo; Oct. 28
In mossy pine forest -
H.A. Allard fl. white

#16492 B. *Hieracium*
with # 16492 A ditto
fl. yellow

16492 C *Panicum*
with # 16492 A ditto

16492 D Trailing; fl.
greenish white ditto
with # 16492 A

16492 E *Passiflora* -
climbing - fl. yellowish ditto
common in this forest
with # 16492 A

16492 F *Pilea* - trailing
near # 16492 A ditto

16492 G Composite; fl. small
yellow ditto
near # 16492 A

16493 Rubiaceae fl. white
Ascending on road from
Constanza to Valle Nuevo
at 4100 ft. Oct. 28
H.A. Allard
In pine forest

16494 Low, matted Panicum
in forest near # 16493 ditto

16495 Composite; fl. small
yellow Near # 16493 ditto

16496 Panicum
Near # 16493 ditto

16497 Setaria?
Near # 16493 ditto

16498 Grass
Near # 16493 ditto

16499 Malvaceae
fl. purplish with darker
lines, Constanza Valley
Oct. 28, 1947
shony H.A. Allard

Tillandsia
On trees at 4000 ft.
on road from Constanza to
Valle Nuevo

16500 Oct. 28, 47
On the Sabinal tree
16501 H.A. Allard

16501 Wet very abundant in
pine forest.
Weeping Sabina - Cedar
In Constanza Valley at
3400 ft. - photo ditto
near hotel
Penals made of the wood.

16502 Salix
In Constanza Valley
at 3500 ft near
Constanza Oct. 28, 47
H.A. Allard

16503 wild rose fl. white
on road from Gara baira
to Constanza and near La
Cumbre Oct. 27, 1947
H.A. Allard

16504 Thymus deep rose
Mosses etc. at

La Cumbre on road
from Constanza to Garabura

16505 4000 ft Oct. 29, 47
H.A. Allard

Mosses with # 16504

16506 Mosses etc
near # 16504

Mosses etc. coll.
at La Cumbre at 4800 ft
on road from Jaraburo
to Comtanga Oct. 29, ✓
H.A. Allard

16508 Mosses, hepatic etc
with # 16507 ✓ ditto

16509 Mosses etc
with # 16507 ✓ ditto

16510 Mosses etc
with # 16507 ✓ ditto

16511 Mosses etc
with # 16507 ✓ ditto

16512 Mosses etc
and
16512a near # 16507 ✓ ditto

16513 Mosses, hepatic
on wood, trees etc
near # 16507 ✓ ditto

Mosses etc ;
with # 16507 ✓ Same date
data
etc

16514

16515 Mosses etc
with # 16507 ✓ ditto

16516 Mosses etc
with # 16507 ✓ ditto

16517 Mosses etc
with # 16507 ✓ ditto

16518 Mosses, hepatic
with # 16507 ✓ ditto

16519 Mosses etc
with # 16507 ✓ ditto

16520 Mosses etc
with # 16507 ✓ ditto

16521

Mosses, hepatics
 at in road to
 Valle Nuevo from Cautana
 at 4200 ft. Oct. 28
 G. A. Allard
 In moist pine forest ✓

16522

Mosses etc
 with # 16521 ✓ Oct. 28
 ditto

16523

Mosses etc
 with # 16521 ✓ ditto

16524

Mosses etc
 with # 16521 ✓ ditto

16525

Mosses etc
 with # 16521 ✓ ditto

16525a lichen -

16526

Mosses etc
 with # 16521 ✓ ditto

16526a lichens.

16527

Mosses etc
 with # 16521 ditto

16527a lichen ✓

Mosses hepatics etc same
 with # 16521 date
 data

16528

16528a lichen ✓

16529

Lichens mostly
 with # 16521 ✓ ditto

16530

Lichens
 with # 16521 ✓ ditto

16531

Lichens
 with # 16521 ditto

16532

Lichens
 with # 16521 ✓ ditto

16533

Lichens with
 # 16521 ✓ ditto

16534

Frustrated lichens
 Oct. 28 ditto
 ✓

Lichens on trees etc
at 4100 ft., on road from
16535 Constanza to Valle Nuevo
Oct. 28, 1947
H.A. Allard

16536 Lichens etc
near # 16535 ditto

16537 Lichens etc
with # 16535 ditto

16538 Fruticose lichens
with # 16535 ditto

16539 Cladonia
on logs etc
Near # 16535 ditto

16540 Lichens
with # 16535 ditto

16541 Lichens
near # 16535 ditto

Lichens on bark etc same
near # 16535 date,
data
etc

16542

16543 Lichens with
16535 ditto

16544 Lichens
with # 16535 ditto

16545 Lichens
with # 16535 ditto

16546 Lichens
with # 16535 ditto

16547 Lichens with
16535 ditto

16548 Lichens with
16535 ditto

~~Lichens~~
Collected at 4100 feet
16549 near on road to Valle
Nuevo from Comtanya
Oct 28, 77. H. G. Allard

16550 Lichens
Near # 16549 ✓ ditto

16551 Lichens
Near # 16549 ✓ ditto

16552 Lichens
Near # 16549 ✓ ditto

16553 Lichens
Near # 16549 ✓ ditto

16554 Lichens
Near # 16549 ✓ ditto

16555 Lichens
near # 16549 ✓ ditto

16555 A Lichens
Cladonia - red heads
near # 16549 - on
dead wood ✓ Same date,
data

16555 B - Brylins olive green
soft lichens - really
cup with wavy sides
on tree near # 16549 ✓ ditto

16555 C Cup fungi
on dead wood
near # 16549 ditto

16555 D Mosses
Near # 16549 ✓ ditto

16555 E Fruticose lichens
on pine bark
near # 16549 ✓ ditto

16555 F Lichens
near # 16549 ditto

16555 G Lichens
near # 16549
on trees ditto

Lichens etc collected
at 4550 feet on road
165556 to Valle Nueva from
and Constantza. Oct. 28
16556a H.A. Allard

16557 Mosses etc
near # 16556

16558 Mosses
Near # 16556

16559 Mosses
Near # 16556

16560 Mosses etc
near # 16556

16561 Mosses etc
Near # 16556

16562 Lichens etc
Near # 16556

16562 A Lichens Same date
Near # 16556 L date

16562 B Lichens etc
near # 16556

16562 C Lichens with
16556

16562 D Lichens with
16556

16562 E Lichens
with # 16556

16562 F Lichens
Near # 16556

16562 G
Near # 16556

Mosses collected
at 4550 ft. near road
16563 leading from Cristobal
to Valle Nuevo
Oct. 28, 1947 ✓
H.A. Allard

16564 Mosses
Near # 16563 ✓ ditto

16565 Mosses
Near # 16563 ✓ ditto

16566 Mosses
Near # 16563 ✓ ditto

16567 Mosses etc.
near # 16563 ✓ ditto

16568 Mosses
near # 16563 ditto

16569 Mosses, hepatic ✓
near # 16563

Mosses, hepatic. Same
near # 16563 date,
data

16570 ✓

16571 Mosses etc.
near # 16563 ✓ ditto

16572 Mosses etc.
near # 16563 ✓ ditto

16573 Mosses etc.
near # 16563 ✓ ditto

16574 Mosses etc.
near # 16563 ✓ ditto

16575 Mosses etc.
near # 16563 ditto

16576 Mosses etc.
near # 16563 ✓ ditto

Lichens near road
leading from Comtanga to
Valle Nuevo Oct. 28
H.A. Allard
✓ at 4550 feet ✓

16577 ✓
16578 Lichens
Near # 16577 ✓ ditto

16579 ✓ Lichens
Near # 16577 ✓ ditto

16580 ✓ Lichens
Near # 16577 ditto

16580a ditto ✓

16581 ✓ Lichens
Near # 16577 ditto

16582 ✓ Lichens near
16577 ✓ ditto

16583 ✓ Lichens
Near # 16577 ✓ ditto

Lichens
Near # 16577
16584 ✓ ✓

16585 Lichens near
16577 ✓ ditto

16586 Lichens near
16577 ✓ ditto

16587 Lichens near
16577 ✓ ditto

16588 Lichens near
16577 ✓ ditto

16589 Lichens near
16577 ✓ ditto

16590 Lichens
Near 16577 ✓ ditto

16591

Lichens collected
at 4550 feet near road
from Constanza to Valle
Nuevo. Oct 28, 1947
H.A. Allard

16592

Lichens
Near # 16591 ditto

16593

Mosses, hepatic
near # 16591 ditto

16594

Mosses etc
Near # 16591 ditto

16595

Mosses etc
Near # 16591 ditto

16596

Mosses etc
Near # 16591 ditto

16597

Lichens
Near # 16591 ditto

Lichens

Near # 16591

date,
data,

16598

16599

Lichens
Near # 16591 ditto
on pine trees
at 4500 ft

16600

Trichomanes
On pines near
16591: abundant, ditto

16601

Sprig of tall, slender
cedar-like tree common
planted in Ciudad Trujillo
Oct. 31, 1947 H.A. Allard
See photo

16602

Leaves of *Gyneria* with leaf spot
Ciudad Trujillo Oct. 27, 1947
H.A. Allard
Gyneria
circulata L.

16603

Mosses at base of trees, on
logs, ground etc., in thick forest
on coral rock formation west of
Ciudad Trujillo Nov. 1, 47
H.A. Allard

16604

Mosses etc, hepatic
near # 16603 ditto
16604a

Lichens etc on living wood
near Ciudad Trujillo, Nov. 2, '47
H.A. Allard

16605

16606

Lichens etc near
16605

ditto

16607

Lichens near
16605

ditto

16608

Lichens near
16605

ditto

16609

Lichens near
16605

ditto

16610

Hepatic
near # 16605

ditto

16611

Lichens at base of
young trees etc west of
Ciudad Trujillo one mile
on Coral Rock formation Nov 3
H.A. Allard

Mosses, hepatic
near # 16611

16612

16613

Mosses, hepatic
near # 16611

ditto

16614

Mosses, hepatic
near # 16611

ditto

16615

Mosses etc
near # 16611

ditto

16616

Mosses etc
near # 16611

ditto

16617

woody climbing vine
fl. fragrant, white, swell
in spikes or racemes, glabrous
near # 16611

16618

Hura crepitans - Sandpaper tree
Janilla. fl. dark crimson
near # 16611
16618a
Rusthytes

Clitoria - fl. very large, white
buds orange with standard white,
centrally deep purplish red as
16619 well as tips of wings and keel
High climbing Ciudad Trujillo
in thickets. Nov. 4. Visited by
a large black humble bee

16620 Lichens - mostly on
Cashew (Cajuput tree) near
of Ciudad Trujillo - Nov. 4. ✓
H.A. Allard

16621 Lichens on same
trees near # 16620 ✓ ditto

16622 Mosses on Cashew tree
near # 16620 ditto

16623 Lichens on bark
on Poinciana near
16620 - Lichens ✓
small, bright yellow ditto

16624 Lichens on Cashew
tree near # 16620 ditto ✓

16625 Tall shrub - fl. white
Piedra Blanca - near
apartment on trail Nov. 5.
H.A. Allard

Legume - woody, vine - fl. large very
showy, crimson. On trail near
16625 same place
data

16626

✓ 16627 Low plant; lichens on leaves
along Mainon River near
Piedra Blanca, in heavy wood ✓
Nov. 5, 1947.
H.A. Allard

16628 Orchid on tree of 20 feet
fl. small yellowish ditto
Near # 16627

16629 Epiphyllum - fl. orange red
on tree near # 16627 ditto

✓ 16630 adhesion to bark of tree
climbing far up - ditto
near # 16627

✓ 16631 Tree - piper - lichens
on leaves ditto
Near # 16627

✓ 16632 woody large-leaved
aroid growing to 10 ft. tall ditto
trees along Mainon River
Nov. 5, 1947
see photo Nov. 5, 1947

Mistletoe dangling from
tree in great draperies along
Main road near Piedra Blanca
16633 Nov. 5, 1947

see photo Nov. 5
long translucent, grayish
white

16634 Bromeliad - narrow leaves
on tree near # 16633

16635 Lichens on # 16631
on leaves - Near # 16633

16636 Lichens on leaves (sp. 2)
near # 16633

16637 Composite along Santa
highway near Los Alcarizos
fl. whitish

16638 Bromeliad - narrow leaves
in trees near # 16633

16639 Bromeliad leaves
broader than in # 16638
Nov 5
Near # 16633 in tree

Bromeliad - Same date
on trees near # 16633 data

16640

16641 orchid on tree near #
16633. fl. greenish yellow

16642 Lichens on leaves
near # 16633

16643 Lichens on leaves
near 16633

16644 Lichens on leaves
near 16633

16645 Lichens on leaves
near 16633

16646 Lichens on leaves
near # 16633

16647 Lichens on bark near
16633 - along Maimon
River near Piedra Blanca ✓
Nov. 5, '47. H. A. Allard

16648 Lichens on leaves
Near # 16647 ditto ✓

16649 Lichens on leaves
Near # 16647 ✓ ditto

16650 Lichens on leaves
Near # 16647 ✓ ditto

16651 Lichens on leaves
Near # 16647 ✓ ditto

16652 Lichens on leaves -
low herbaceous plant
in woods along river
Nov. 5 Near # 16647 ✓ ditto

16653 Lichens
On orange bark
near # 16647 ✓ ditto

16654 Hepatic or masses on
orange bark near same
tree with # 16653. ✓ Same date
data etc

16655 Long, slender reddish
masses growing on and
near a bromeliad in tree ✓ ditto
near # 16647 - 20-30 ft.
above ground; no other seen

16656 Bromeliad, in tree
near # 16647 ✓ ditto

16657 Bromeliad, in tree near
16647 ✓ ditto

16658 Leaf spot - black - good
sign on leaf spines? ✓ ditto
Near # 16647

16659 Leaf spot on aroid ✓ ditto
16652 - near # 16647
(climbing aroid)

16660 Mosses - hepatic
on tree, near # 16647 ✓ ditto

Mosses, hepaticae in logs
trees along Mainou River near
Piedmont Plateau

16661

Nov. 5, 1947
H. A. Allard ✓

16662

Mosses, hepaticae
near # 16661 ✓

ditto

16663

Mosses, hepaticae
near # 16661 ✓

ditto

16664

Mosses, hepaticae
near # 16661 ✓

ditto

16665

Mosses, hepaticae
Near # 16661 ✓

ditto

16666

Mosses, hepaticae
Near # 16661 ✓

ditto

16667

Mosses, hepaticae
near # 16661 ✓

ditto

Mosses, hepaticae
in logs, trees near
16661

16668

Same
date
data

16668a / 16668b
Mosses, hepaticae
near # 16661 ✓

16669

Mosses, hepaticae
near # 16661 ✓

ditto

16670

Mosses, hepaticae
near # 16661 ✓

ditto

16671

Mosses, hepaticae
near # 16661 ✓

ditto

16672

Mosses, hepaticae
near # 16661 ✓

ditto

16673

Mosses, hepaticae
near # 16661 ✓

ditto

16674

Mosses, hepaticae
near # 16661 ✓

ditto

16675

Mosses, hepatic in logs, trees
along Maimon River near Piedra
Blanca, Nov. 5, 1947
H.A. Allard

16676

Mosses, hepatic
near # 16675

ditto

16677

Mosses, hepatic
near # 16675

ditto

16678

Mosses, hepatic
near # 16675

ditto

16679

Mosses, hepatic
near # 16675

ditto

16680

Mosses, hepatic
near # 16675

ditto

16681

Mosses, hepatic
near # 16675

ditto

16682

Mosses, hepatic
near # 16675

same
date
data

16683

Mosses, hepatic
near # 16675

ditto

16684

Mosses, hepatic
near # 16675

ditto

16685

Mosses, hepatic
near # 16675

ditto

16686

Mosses, hepatic
near # 16675

ditto

16687

Mosses, hepatic
near # 16675

ditto

16688

Mosses hepatic
near # 16675

ditto

16689

Mosses, hepaticae
collected on stumps, logs, bark
along Maimon River near
Nov. 5, 1947. H. A. Allend ✓

16690

Mosses, hepaticae
near # 16689 ✓

ditto

16691

Mosses, hepaticae
near # 16689 ✓

ditto

16692

Mosses, hepaticae
near # 16689 ✓

ditto

16693

Mosses, hepaticae
near # 16689 ✓

ditto

16694

Mosses, hepaticae
near # 16689 ✓

ditto

16695

Mosses, hepaticae
near # 16689 ✓

ditto

16696

Mosses, hepaticae
near # 16689 ✓

same
date
data!

16696a lichen ✓

16697

Mosses, hepaticae
near # 16689 ✓

ditto

16698

Mosses, hepaticae
near # 16689 ✓

ditto

16699

Mosses, hepaticae
near # 16689

ditto

16700

Mosses, hepaticae
near # 16689 ✓

ditto

16701

Mosses, hepaticae
near # 16689 ✓

ditto

16701a ~~poor~~ ✓

16702

Mosses, hepaticae
near # 16689 ✓

ditto

~~#67~~

16703

Mosses, hepatic
on logs, trunks, trees etc
along Main river near
Piedra Blanca
Nov. 5, 1947
H. A. Callard

16704

Mosses, hepatic

near # 16703

✓

ditto

16705

Mosses, hepatic

near # 16703

✓

ditto

16706

Mosses, hepatic

near # 16703

✓

ditto

16707

Mosses, hepatic

near # 16703

✓

ditto

16708

Mosses, hepatic

near # 16703

✓

ditto

16709

Mosses, hepatic

near # 16703

✓

ditto

16710

Mosses, hepatic
Near # 16703

same
date
data

16711

Lichens - on
sticks etc

near # 16703

✓

ditto

16711a

✓

16712

Lichens

with # 16703

✓

ditto

16713

Lichens

with # 16703

✓

ditto

16714

Lichens

with # 16703

✓

ditto

16715

Lichens

with # 16703

✓

ditto

16716

Lichens

with # 16703

✓

ditto

Lichens on
trees, stump etc
16717 Along Maimon River near
Piedra Blanca Nov. 5, 1947
H.A. Allard

16718 Lichens
Near # 16717 ✓ ditto

16719 Lichens on trees
Near # 16717 ✓ ditto

16720 Lichens
Near # 16717 ✓ ditto

16721 Lichens
Near # 16717 ✓ ditto

16722 Mosses, hepatics
near # 16717 ✓ ditto

16723 Mosses on rocks
near Piedra Blanca ✓
in road cut, Nov. 5, 1947
H.A. Allard

Mosses on rocks,
soil with # 16723 ✓ Same date,
data

16724

16725 Lichens on rocks
soil near # 16723 ✓ ditto

16726 Mosses, hepatics
on orange leaf
and bark ✓ ditto
Near # 16723 ✓

16727 Bromeliad,
on tree near # 16723 ✓ ditto

16728 Fig tree planted in Ciudad
Trujillo - on Avenida Bolívar
etc, see photo. Nov. 7, 1947
H.A. Allard ✓
Has to be rigidly pruned

16729 Small purple
hepatics etc

on bark of trees next of ✓
Ciudad Trujillo, Nov. 8,
H.A. Allard

16730 Lichens etc
on young trees ✓ ditto
near # 16729

16731

Lichens on young
trees in thickets near of
Ciudad Trujillo, Nov. 8
H. G. Allen

16732

Lichens near # 16731 ditto
✓

16733

Lichens near # 16731 ditto
✓

16734

Lichens near # 16731 ditto
✓

16735

Lichens near # 16731 ditto
✓

16736

Lichens near # 16731 ditto
✓

16737

Lichens near
16731 ditto
✓

Bad weed in lawns at
Ciudad Trujillo, Nov. 8

16738

Low, fine leaved mats
dark bluish green
✓ Euphorbia

16739

Composite in mats,
small yellow flowers
Very bad as dense mats
Near # 16739 ditto
✓

16740

Low, matted plant
like a tiny leaves dense
Near # 16739 ditto
✓

16741

Rubiaceous - matted
ascending plant. Very persistent
in lawns white fl.
Near # 16738 ditto
✓

16742

Euphorbiaceae
Matted in lawns
Very bad lawn.
Near # 16738 ditto
✓

16743

Sensitive plant,
Very bad in lawns and
gardens. Near # 16738
✓

16744

~~Pl.~~ Pink or rose fl.
Vinca, grown wild
near La Vega in dry. ditto
banks - Ciudad Trujillo
Nov. 8
✓

16745

Piper - Colonia Ranpiz
at 2200 ft, Nov. 8, 1947
H.A. Allard on stump

16746

Pilea - near # 16745 ditto

16747

Bouconia frutescens
Near # 16745 Nov. 8 ditto

16748

Clitoria - fl. cream
with some purplish red on
standard only, near # 16745
Nov 8 ditto

16749

Fern dangling from
tree stump
Near # 16745 ditto

16750

fl. small, white.
herb. near # 16745 ditto

16751

Pilea on bank
Near # 16745 ditto

16752

Composite - at Colonia
Ranpiz in pasture
at 2200 feet
Nov. 8
fl. white H.A. Allard

16753

Pilea - very fine leaved
in thin soil on rock.
Near # 16752 ditto

16754

Moss on rock
with # 16753 ditto

16755

Cyperaceae
In pasture near
16752 ditto

16756

Composite - white fl
Near # 16752 ditto

16757

Malpighiaceae
fl. pink.
with # 16752 ditto

16758

very slender plant
small, white fl; Conyza? ditto
Near # 16752

16759

Shrub - small fl.,
 Colonia Panamfa
 at 2200 ft
 Nov. 8, 1947
 H.A. Allard

16760

Scavariacae
 Red, showy flowers
 Near # 16759

16761

Andropogon vicornis
 Near # 16759

16762

Grass (small) on Path
 with fungus above
 Near # 16759

16763

Moss on bank
 near # 16759

16764

Mosses, hepaticae
 near # 16759

16765

Mosses, hepaticae
 near # 16759

16766

Mosses etc
 with # 16763

same
 date,
 data

16767

Mosses etc
 near # 16763

16768

Mosses etc
 with # 16763

16769

Mosses etc
 with # 16763

16770

Shrub - fl. white
 3-4 ft; west of
 Ciudad Trujillo

Nov. 9, 1947 H.A. Allard

16771

Male ~~and female~~
 flowers of Vanilla
 west of Ciudad Trujillo
 Nov. 9 H.A. Allard

16772

Lichens on trees west of
 Ciudad Trujillo on coral
 rock formation Nov. 10, 1947
 H.A. Allard

Mosses, hepatic on trees
west of Ciudad Trujillo
16773 on Coral rock formation
Nov. 10, 1947
H. G. Allard ✓

16773a lichens ✓

16774 Lichens
Near # 16773 ✓

ditto

16775 Hepatic
Near # 16773 ✓

ditto

16776 Lichens
near # 16773 ✓

ditto

16777 Hepatic
near # 16773 ✓

ditto

16778 Lichens
near # 16773 ✓

ditto

16779 Lichens
near # 16773 ✓

ditto

Mosses, hepatic
with # 16773
16780 or near by. ✓

same
date
data

16781 Lichens
Near # 16773 ✓

ditto

16782 Lichens
Near # 16773 ✓

ditto

16783 Lichens on sticks
Near # 16773 ✓

ditto

16784 Moss,
at base of tree
near # 16773 ✓

ditto

16785 Lichens
Near # 16773 ✓

ditto

16786 Lichens
Near # 16773 ✓

ditto

16787

Lichens on trees
west of Ciudad Trujillo Nov. 10
on coral rock formations
P.R., all land

16788

Lichens
Near # 16787

ditto

16789

Hepatic etc
near # 16787

ditto

16789a

lichen ✓

16790

Hepatic etc
near # 16787

ditto

16790a

lichen ✓

16791

Lichens
Near # 16787

ditto

16792

Hepatic, masses
Near # 16787

ditto

16793

Lichens
Near # 16787

ditto

16794

Lichens
Near # 16787

same
date
data

16795

Hepatic, masses
Near # 16787

ditto

16796

Hepatic, masses
Near # 16787

ditto

16797

Lichens
Near # 16787

ditto

16798

Hepatic, etc
Near # 16787

ditto

16799

Lichens etc
Near # 16787

ditto

16800

Lichens
Near # 16787

ditto

✓
16801

Lichens
on trees west of Ciudad
Trujillo on Coral rock
formation Nov. 10, 1947
H.A. Allard

16802

Hepatic & mosses
on trees near # 16801

ditto

16803

Lichens
Near # 16801

ditto

16804

Lichens
Near # 16801

ditto

16805

Lichens
Near # 16801

ditto

✓ 16806

Ipomoea on near it
fl. blue, small; very
gloriferous. Near # 16801

ditto

✓ 16807

Ipomoea
climbing over shrubs
fl. large rose.
Near # 16801

ditto

✓ 16808

Ipomoea, high climbing
fl. purple over shrubs
Near # 16801

same date
data

16809

Lichens on coral
rocks near # 16801

ditto

16810

Lichens on upper
branches of large tree
Hura crepitans.
west of Ciudad Trujillo
Nov. 11, 1947. H.A. Allard

16811

Lichens
with # 16810

ditto

16812

Lichens
with # 16810

ditto

16813

Lichens
with # 16810

ditto

16814

Lichens
with # 16810

ditto

16815

Lichens on topmost
limbs of huge *Hura crepitans*
tree west of Ciudad Trujillo
Nov. 11, 1947
H.A. allard
all on same tree with #16810

16816

Lichens
with # 16815 ✓ ditto

16817

Lichens
with # 16815 ✓ ditto

16818

Bamboo, in clumps
60 ft. tall, very thorny
west of Ciudad Trujillo, in
back of rd. Stalks above 4-5 in
in diameter. Nov. 11. H.A.A.
Tip of
black pubescent within.

16819

Shrub on small tree
on trail to Goodrich rubber
plantation Piedra Blanca
Nov. 12, 1947; fl. small, white
fruit blue, small

16820

Shrub on small tree
near # 16819; fl. small, white,
fruit blue, small ditto

16821

Tree fern in woods
near # 16819
15-20 ft tall.
all near to of one leaf ✓ ditto

16822

Leafy spot in leaves of
Mimosa
near # 16819 on path, same date
✓
Cuscuta affinis Jacq.

16823

Shrub - fl. white
Near # 16819 ditto

16824

Shrub - fl. purplish
Near # 16819 ditto

16825

Grass on
bank near # 16819 ditto

16826

On moist bank
near # 16825 ✓ ditto

16827

Leaves of *Quercus*
fruit of which is bright flushed
and mottled
Along Maimon River near bridge at Piedra Blanca

16828

Pilea
On stump
near # 16819. ditto

Lichens on trees in arroyo
west of Piedra Blanca and the
main river, near Goodrich
16829 rubber groves, Nov. 12,
H.A. Allard ✓

16830 Lichens
on trees near # 16829 ✓ ditto

16831 Lichens on trees
near # 16829 ✓ ditto

16832 Lichens on trees
near # 16829 ✓ ditto

16833 Lichens on trees
near # 16829 ✓ ditto

16834 Lichens on trees
near # 16829 ✓ ditto

16835 Lichens on trees
near # 16829 ✓ ditto

Lichens on trees, etc.
near # 16829

Oct 12,
H.A. Allard

16836 ✓

16837 Lichens on trees
etc near # 16829 ✓ ditto

16838 Lichens on trees etc
near # 16829 ✓ ditto

16839 Lichens on trees etc
near # 16829 ✓ ditto

16840 Lichens on trees etc
near # 16829 ✓ ditto

16841 Lichens on trees etc
near # 16829 ✓ ditto

16842 Lichens on trees etc
near # 16829 ✓ ditto

16843

Lichens on trees etc
in arroyo near Goodrich
Rubber grove, Piedra Blanca
Nov 12 HA allard

16844

Lichens on trees
etc near # 16843 ditto

16845

Lichens on trees
etc. near # 16843 ditto

16846

Lichens on trees
etc near # 16843 ditto

16847

Lichens on trees etc
near # 16843 ditto

16848

Lichens on trees etc
near # 16843 ditto

16849

Lichens on trees etc
near # 16843 ditto

16850

Lichens etc on trees
near # 16843

Nov 12

HA allard

16851

Lichens on trees etc
near # 16843 ditto

16852

Lichens on trees etc
near # 16843 ditto

16853

Lichens on trees etc
near # 16843 ditto

16854

Lichens on trees etc
near # 16843 ditto

16855

Lichens on trees etc
near # 16843 ditto

16855a

16856

Lichens on trees
etc near # 16843 ditto

Lichens on trees etc
in arroyo near Goodrich
Rubber groves at Piepala
16857 Blanca, Nov, 12, 47
H.A. Allard

16858 Lichens on trees
near # 16857

16859 Lichens on trees
near # 16857

16860 Lichens on trees near
16857

16861 Lichens on trees near
16857

16862 Lichens on trees
near # 16857

16863 Lichens on trees
near # 16857

Lichens on trees
near # 16857

16864

16865 Lichens on trees
near # 16857

16866 Mosses etc
on trees and soil
Near # 16857

16867 Mosses, hepatic
on trees etc near
16857

16868 Mosses, hepatic
near # 16857

16869 Mosses, hepatic
near # 16857

16870 Mosses, hepatic
near # 16857

16870 a lichen

Nov, 12
H.A. Allard

ditto

ditto

ditto

ditto

ditto

ditto

Mosses, hepatic
on trees etc in arroyo near
16871 Goodrich rubber grove
at Piedra Nov. 12, 1947
H.A. Allard ✓

16872 Mosses, hepatic
near # 16871 ✓ ditto

16873 Mosses, hepatic
near # 16871 ✓ ditto

16874 Mosses, hepatic
near # 16871 ✓ ditto

16875 Mosses, hepatic
near # 16871 ✓ ditto

16876 Mosses, hepatic
near # 16871 ✓ ditto

16877 Mosses hepatic
near # 16871 ✓ ditto

Leaf spots on
Andropogon furcatus
16878 Colonia Ranchar
Nov. 8, 1947
H.A. Allard

16879 Mosses, hepatic Nov. 12
near # 16871 ✓ H.A. Allard

16880 Mosses, hepatic
near # 16871 ✓

16881 Mosses, hepatic
near # 16871 ✓

16882 Mosses, hepatic
near # 16871 ✓

16883 Mosses, hepatic
near # 16871 ✓

16884 Mosses, hepatic ✓
near # 16871

Mosses and hepatics on
trees etc., logs in arroyo
near Goodrich rubber grove
16885 Piedra Blanca - about 3500 ft.,
Nov. 12, 1947
H.A. Allard

16886 Mosses and hepatics
near # 16885 ✓ ditto

16887 Mosses and hepatics
near # 16885 ✓ ditto

16888 Mosses and hepatics
near # 16885 ✓ ditto

16889 Mosses and hepatics
near # 16885 ✓ ditto

16890 Mosses and hepatics
near # 16885 ✓ ditto

16891 Mosses and hepatics
near # 16885 ✓ ditto

Mosses, hepatics
near # 16885

Nov. 12, '47
H.A. Allard

16892 ✓

16893 Mosses, hepatics
near # 16885 ✓ ditto

16893a lichen ✓

16894 Mosses, hepatics
near # 16885 L ditto

16895 Mosses, hepatics
near # 16885 ✓ ditto

16896 Mosses, hepatics
near # 16885 L ditto

16897 Mosses, hepatics
near # 16885 ✓ ditto

16898 Mosses, hepatics
near # 16885 ✓ ditto

Mosses, hepatic
collected near Goodrich rubber
grove near Piedra Blanca,
Nov, 12, '47 in arroyo
H.A. Allard

16899

✓

16900

Mosses, hepatic
near # 16899

✓

16901

Mosses, hepatic
near # 16899.

✓

16902

Mosses, hepatic
near # 16899

✓

16903

Mosses, hepatic
near # 16899

16904

Mosses, hepatic
near # 16899

✓

16905

Mosses, hepatic
near # 16899

✓

Mosses, hepatic
near # 16899.

Nov, 12, '47
H.A. Allard

16906

✓

16907

Mosses, hepatic
near # 16899

✓

ditto

16908

Mosses, hepatic
near # 16899

✓

ditto

16909

Mosses, hepatic
near # 16899

✓

ditto

16910

Mosses, hepatic
near # 16899

✓

ditto

16911

Mosses, hepatic
near # 16899

✓

ditto

16912

Mosses, hepatic
near # 16899

✓

ditto

Mosses, hepatic collected
in arroyos near Gogobich rubber
grove near Piedra Blanca
16913 250-375 ft, elev.
Nov. 12, 1947
H.A. Allard ✓

16914 Mosses, hepatic
near # 16913 ✓ ditto

16915 Mosses, hepatic
near # 16913 ✓ ditto

16916 Mosses, hepatic
near # 16913 ✓ ditto

16917 Mosses, hepatic
near # 16913 ✓ ditto

16918 Mosses, hepatic
near # 16913 ✓ ditto

16919 Mosses, hepatic
near # 16913 ✓ ditto

Mosses, hepatic
near # 16913 Nov. 12, 47
H.A. Allard

16920 ✓

16921 Mosses, hepatic
near # 16913 ✓ ditto

16922 Mosses, hepatic
near # 16913 ✓ ditto

16923 Mosses, hepatic
near # 16913 ✓ ditto

16924 Mosses, hepatic
near # 16913 ✓ ditto

16925 Mosses, hepatic
near # 16913 ✓ ditto

16926 Mosses, hepatic
near # 16913 ✓ ditto

Mosses, hepatic in arroyo
near Goodrich Butte just near
Piedra Blanca at 350-375 ft.
16927 alt. Nov. 12, '47. H.A. Allard

16928 Mosses, hepatic
near # 16927 ✓ ditto

16929 Mosses, hepatic
near # 16927 ✓ ditto

16930 Mosses, hepatic
near 16927 ✓ ditto

16931 Mosses, hepatic
near # 16927 ✓ ditto

16932 Mosses, hepatic
near # 16927 ✓ ditto

16933 Mosses, hepatic
near # 16927 ✓ ditto

Mosses, hepatic Nov. 12
near # 16927 H.A. Allard

16934 ✓

16935 Mosses, hepatic
near # 16927 ✓ ditto

16936 Mosses, hepatic
near # 16927 ✓ ditto

16937 Mosses, hepatic
near # 16927 ✓ ditto

16938 Mosses, hepatic
near # 16927 ✓ ditto

16939 Mosses, hepatic
near # 16927 ✓ ditto

16940 Mosses, hepatic
near # 16927 ✓ ditto

Mosses, hepatic
in arroyo near Goodrich, rubber
tree at 350-375 ft. near
16941 Piedra Blanca, Nov. 12, '47
H.A. Allard ✓

16942 Mosses, hepatic
near # 16941 ✓ ditto

16943 Mosses, hepatic
near # 16941 ✓ ditto

16944 Mosses, hepatic
near # 16941 ✓ ditto

16945 Mosses, hepatic
near # 16941 ✓ ditto

16946 Mosses, hepatic
near # 16941 ✓ ditto

16947 A large mass of hepatic
closing and wrapping its leaves
till the stems appear round in
moisture - these spread to several
times their size and are most
beautiful. Near # 16941 ✓ ditto

Mosses, hepatic Nov. 12
near # 16941 H.A. Allard

16948 ✓

16949 Mosses, hepatic
near # 16941 ✓ ditto

16950 Mosses, hepatic
near # 16941 ✓ ditto

16951 Mosses, hepatic
near # 16941 ✓ ditto

16952 Mosses, hepatic
near # 16941 ✓ ditto

16953 Mosses, hepatic ✓ ditto
and
16953a ✓

16954 Mosses, hepatic ✓ ditto
near # 16941

Mosses, hepaticae
in arroyo on trees etc. near
Goodrich rubber grove
16955 at 350-375 ft. near Piedra Blanca,
Nov. 12, H. A. Allard

16956 Mosses, hepaticae
near # 16955 ditto

16957 Mosses, hepaticae
near # 16955 ditto

16958 Mosses, hepaticae
near # 16955 ditto

16959 Mosses, hepaticae
near # 16955 ditto

16960 Mosses, hepaticae
near # 16955 ditto

16961 Mosses, hepaticae
near # 16955 ditto

Mosses, hepaticae
in arroyo, on trees, logs etc.
near Goodrich rubber grove, ✓
16962 at alt. 350-375 ft. alt.
and Nov. 12, 1947, H. A. Allard
16962a

16963 Mosses, hepaticae
near # 16962 ditto

16964 Mosses, hepaticae
near # 16962 ditto

16965 Mosses, hepaticae
near # 16962 ditto

16966 Mosses, hepaticae
near # 16962 ditto

16967 Mosses, hepaticae
near # 16962 ditto

16968 Mosses, hepaticae
near # 16962 ditto

Mosses, hepatic, in arroyo on
trees, shrubs, near Hydroch
rubra grass, at alt. 350-375 ft.
16969 near Piedra Blanca,

16970 Mosses, hepatic
near # 16969 ditto

16971 Mosses, hepatic
near # 16969 ditto

16972 Mosses, hepatic
near # 16969 ditto

16973 Mosses, hepatic
near # 16969 ditto

16974 Mosses, hepatic
near # 16969 ditto

16975 Mosses, hepatic
near # 16969 ditto

Mosses, hepatic Nov, 12
near # 16969 H. A. Allard

16976 ditto

16977 Mosses, hepatic
near # 16969 ditto

16978 Mosses, hepatic
near # 16969 ditto

16979 Mosses, hepatic
near # 16969 ditto

16980 Mosses, hepatic
near # 16969 ditto

16981 Mosses, hepatic
near # 16969 ditto

16982 Mosses, hepatic
near # 16969 ditto

16983 Mosses, hepatic on trees, logs, near
roughish rubber grove, in arroyo;
at alt. 350-375 ft; near Piedra
Blanca. Nov. 12, H.A. Allard ✓

16984 Mosses, hepatic
near # 16983 ✓

16985 Mosses, hepatic
near # 16983 ✓

16986 Mosses, hepatic
near # 16983 ✓

16987 Mosses, hepatic
near # 16983 ✓

16988 Mosses, hepatic
near # 16983 ✓

16989 Mosses, hepatic
near # 16983 ✓

Mosses, hepatic
near # 16983

16990 ✓

16991 Mosses, hepatic
near # 16983

ditto

16992 Mosses, hepatic
near # 16983 ✓

ditto

16993 Mosses, hepatic
near # 16983 ✓

ditto

~~Hot~~

16994 Mosses, hepatic
near # 16983 ✓

ditto

16995 Mosses, hepatic
near # 16983 ✓

ditto

16996 Mosses, hepatic
near # 16983 ✓

ditto

Nov. 12
H.A. Allard

17000
15888
1312

169

Mosses, hepatic in arroyo
near Goodrich rubber grove
16997 alt. 350-375 ft ✓
near Piedra Blanca
Nov, 12, 1947. H.A. Allard

169

16998 Mosses, hepatic
near # 16997 ✓ ditto

169

16999 Mosses, hepatic
near # 16997 ✓ ditto

169

169

169

169