

A. S. Hitchcock
USDA.

1923

20321-20905

Canada

38

20321 Composite
3-5 ft fls yellow

20322 Umbelliferae
along cut of R₂

20323 Acanthace
herb 3-5 ft fls scarlet

20324

Adiantum in fruit

3 fl

Adiantum concinnum
H. & B.

20327

along cul

F.L.M.

20325

some

Oxyspora
leaves all withered

111

Polypodium polypodioides var. *virginicum*

20328 *Polypodium*
slope of hill

20326

Along cul of Ry

Paralimnium

Paralimnium

1

20329

Annual, culms solitary, single
slope of hill

Polypodium

Polypodium

20330

Salicaria?

fls scarlet

20331

Sporobolus

fls scarlet

20332

Clematis

woolly vine in fruit

20333

Amorpha

Slaps - branches in fruit

20334

Compositae

fls 3-5 in fls yellow

20335

Mallow

fls salmon-pink

20336 *Crotalaria*
Small tree or shrub 8-20 ft

20337 *Solanum*
Herb, branches glaucous, with
violet-like, gts yellow

20338 —
Tree or shrub 6-20 ft
(collected on Knappton)

|||

Pellaea flexuosa (Cav.)
Hilleb.

20339 Fern
Rocky out

20340 *Euphorbia hypericifolia*
Open ground, leaves with dark
spot

Paspalum racemosum
20341 Paspalum (Comididau)

20342 *Euphorbia*
Stems
herb

20343 *Compositae*
Stems 10-12 ft. dry stems

20344 *Melica*
dry slope among stones

20345 *Balaena*
Stems
herb

20346 *Compositae*
Stems 12 ft. herb

20347 *Promelia*
Stems
herb

20348 *Polypodium* *puberulum*
Rocky areas - pls. near

~~20349~~ *Polypodium* *intermedium*
Common - Bog

~~20350~~ *Agrostis* *elongata*
Bog

20351 *Phyllis* *a*
Common - wet soil - bog

20352 *Utricularia*
Bog

Utricularia *lucida* *Sw.* ||
20353 *Utricularia* *selene*
Rock slope. Wet soil

Notholaena sinuata (Sw.) Kaulf.

20354

Rocks
diff

20355

Vine - all upper part hidden
leaves fls white

20356

Cissus
Climbing over rocks and along
the ground

///

20357

Solanum (sp.)

20358

Acacia
Common on W slopes
leaves 2-3 ft or even 4 ft.
mostly 1-2 in wide. Infr. 10-15 ft.

20359

Composit
Stems - 8-10 ft
fls yellow
leaves white-tomentose
base hirsute

///

Ceanothus velutinus

20360

Ceanothus velutinus

Chaetochloa 3 H

20361

Chaetochloa

On shrub of bushes on slope
Base decumbent & tufted

Lonicera scorpioides 1

20362

Lonicera

20363

Eupatorium

Shrub - 10 ft - fls blue

20364

Mallow

20365

Labiata

Half shrub - branches hairy &
strongly - up to 10 ft. fls
bluish

20366

3-5'

Coronilla
fls yellow

20367

Legum
bushy tree - fls salmon-
orange

20368

Shrub

Salvia? 3
left fls blue

20369

Coronilla
tree 9-10 ft stem up to
12 ft

20370

Urtica
tree - 30 ft Rocky slope
in moist place

20371

Physalis
fls blue

20372

Mallow

6 ft shrubby, fls
orange yellow

20373

Cruciferae

= 3/2 ?

20374

Propalium

shrub fls white

20375

Alnus

6 ft fls white

20376

Saxifraga

20377

Baccharis

Rushy & shrubby, most of the
small tree colored - ^{juice} ~~juice~~
green in trunk, orange up to
20 ft.

Adiantum concinnum H. or B.

20378

Fern

Leaves brownish glaucous
shaded

20379

Celastrus

Woody stem 1 ft. with leaves at
upper part. Fls. yellow
yellow tinged with brown

20380

Rumex

Herb. Leaves green, broad
3 ft.

20381

Leucostegia

4 ft. Leaves yellow

Sporobolus indicus

20382

Sporobolus indicus

20383

Conyza

Herb. 5-15 ft. fls.
blue

20384

May

Ceanothus

20385

Shrub

5-6 ft white

20386

Small
15 ft

Croton
on stone

20387

Shrub

Croton 15 ft

20388

Small tree
fruit

Legume
20 ft mostly
common

11

20389

5 ft

Ceanothus
fls change yellow

20390 *Eupatorium*
Shrub 10 ft for stems
(with leaves and roots)

20391 *Piper*
Shrub 6 ft

20392 *Nitela*
Shrub 8-15 ft

20393 *Myrica*
In standing water
Shrub

20394 *Hydrocotyle*
Shrub for water

20395 *Eleocharis*
Shrub

20396

Small fruit & bag

20397

Cornella
Bag

20398

Calcicola
f's pale yellow
Bag

Small fruit & bag
20399 *Mulleberry*

20400

Cornus
3 ft f's orange-yellow

20401

Same
Flowering on water of bag

20102 *Terebinthaceae* 37m tall
in sunny place above ground
in tree trunk

20103 *Sp. ...*
in tree trunk

20104 *Urticaceae*
Open ground

20105 *Feliceae*
small tree, 7m tall, 10ft
10ft

20106 *Pyrolidaceae* 111
in tree, small, 10ft
scarcely below, 10ft

20107 *Pyrolidaceae*
in tree, partly below ground

20408 *Polypodium*
On tree trunk

20409 *Arclid*
On tree trunk

20410 *Polypodium (Campyloneurum)*
Fern
On tree trunk

20411 *Paspalum*
On tree trunk

Bidynochlaena truncatula
(Sw.) J. Sm.
20412 Fern
Wetland, ground level

Paspalum
20413 *Paspalum (leucostachy)*
Open ground

20414

Tree 15-20 ft. white

20415

Common in woods, growing
as much as 6 or 7 m. tall.
Young shoots very short and
black, stems, shrubs, strongly branched and
black stems as they grow, bark

20416

Shrub 3-5 ft. fls. green
fruit yellow reddish green, 5 mm.

20417

Tree 10-15 ft. white
flowers yellowish green
fruit yellowish green

UNITED STATES DEPARTMENT OF AGRICULTURE
GRAY HERBARIUM OF HARVARD UNIVERSITY
NEW YORK BOTANICAL GARDEN
EXPLORATIONS IN SOUTH AMERICA

Ecuador: Province Guayas. Teresita, 3 kilometers west of
Bucay
No. A. S. HITCHCOCK, Collector
July 5-7, 1923

20418

20419

Tree 10-15 ft. white
flowers yellowish green
fruit yellowish green
bark

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EXPLORATIONS IN SOUTH AMERICA

20545

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20414

Plantain

Tree 15 ft fls white

Ground

20415

Plantain

Common in woods, spreading
as much as 20 ft in diam
at the base; fls white, looking
like a small bell-shaped
young shoots very short and
stems stout, thick, brown
black leaves as but young ones -

20416

Shrub 3-4 ft fls green
fruit yellowish green, 5 mm diam

20417

Legume

Tree 10 ft tall, fls
white, fruit green, 5 mm
diam, fls white, looking
like a small bell-shaped
fruit green, 5 mm diam
fls white

20418

Legume

Shrub 2 ft tall, tree
leaves, a small tree
fls green, very small
in fruit much from lower
part of fruit

20419

Compositae

9 ft fls yellow

Echatoxgramme furcata (L.)
Tree.

20420
on tree trunk

1

20421 *Coniophora*
Small tree stem, 3-4 ft
pls. upright

20422 *Pipturus*
On branch of tree

Kunze A. Br.
(det. Weston)

Selaginella sp.

20423 *Selaginella*
On mossy ground

Polypodium polypodioides
— 20424 *Polypodium*
Mossy open area
Shrub, etc.

Polypodium
— 20425 *Polypodium*
Thicket, mossy, etc.
thicket. Shrub, etc.

20426

Compositae

Moist ground, slightly
shaded, fls. white.

20427

Compositae

Herb 8 ft. fls. yellow
rough stem with short hairs

20428

Compositae

Moist ground, at edge
of ditch, fls. greenish

20429

Upland, hills

Moist ground, slightly
shaded, fls. white.
Stems 2-3 ft. long

20430

Compositae

Herb branched, fls. white
2 ft.

20431

Upland

Stems 3 ft.

20432

Hesperis matronalis
Common, roadside

July 5
forest region
low + to be seen
along

20433

Urtica
Stems, small - yellow, light. Some
under bushes, some in open
areas above. 2 pl.

20433

Panicum capillare
Common, roadside
Open ground, etc.

20434

Urtica
Small, in open. 3 pl.

20434

Paspalum conjugatum
Common, roadside
Low ground open ground
a weed - field

20437

Lespedeza bicolor
In forest

20444 *Melastomaceae* *verbeekii*
Shrub 4-5 ft. fls. white
along creek

about 100 ft up
20445 *Chrysobalanus*
Forest - numerous leaves
from the tree. Some prostrate,
some in shade

about 100 ft up
20446 *Delonix*
Edge of forest in open

20447 *Solanum*
Shrub, much like *glaberrimum*

20448 *Solanum*
about 30 ft fls. cream

20449 *Ruellia*?
Shrub in fruit 4-8 ft. fruit
(mostly) dark green
unripe

20450 *Asplenium* 111
Small near succulent base

20451 *Heterosporium*
Slender 3-5 ft. fls. white

20452 *Asplenium serratum* L.
Flora
Can. tree

20453 *Senecio*
Forest, fls. 3-4 ft. high
2-4 ft. from ground. fls.
yellow. Spotted purple.

20454 *Heterosporium*
Can. tree. fls. white
Moss, fls. white. fls. yellow

20455 *Eschatogramme furcata* (L.)
Flora
Can. tree

20436 *Piperaceae*
in branch of tree
fruit only

20437 *Asplenium auritum* Swartz
in tree

20438 *Piperaceae*
in branch of tree
leaves, circulation on stem over

B

20439 *Piperaceae*
in branch of tree
same as 20438

20440 *Rubiac*
shrub 7 ft fls white

20441 *Leguminosae*
shrub 3-6 ft fls pale
yellow - bracts or calyx orange
red. lvs. of black, red brown

Polypodium fraxinifolium Jacq.
(sens. lat.)

20462

Very rare

Polypodium piloselloides L.

20466

Very rare

20463

Asplenium

Stems & frs reddish
yellow

20465

Asplenium

Stems & frs blue
green, frs
frs orange red

20464

Isoetes

Very rare in
clearing open ground along

20467

Asplenium pilosum

20468

Stellaria media

Open ground at edge of
field low-growing
seeds sown from 1948
not seen in 1950

20469

Acrostichum
Wet along road to field

20470

Axonopus

Called *garrulosa*, found
partly buried in the
limestone in garden
dryer branch
Plant left
Common & indigenous

20471

Desmodium

Open ground

20472

Desmodium gyme

Open ground

20473

Asplenium

fls yellow Open ground

20474 *Asplenium*
Moist open place

20475 *Adiantum*
Small tree 20 ft fls pale
more tinged

20476 *Scitamineae*
Up to 72 ft fls double of fl green
ground fls pale yellow

20477
Small tree just scattered

20478 *Calligonum*
Small 5 ft

20479 *Neptrolepis pendula* (Raddi)
J. Sm.
Common

20430

Nov

Leaves dissected - white
fl. white

20431

Shrub

6-8 ft of white

20482

Scandans
Leaves glaucous
Calyx red corolla white
creamy

20483

Jan 20

small shrub

20484

Forest of young

Gelarginella sp. (det. Austin)
^{Bowling's Spring}
islafructa

fruit

20485

Conchid
on hill

20486

[Faint handwritten notes]

20487

[Faint handwritten notes]

20488

[Faint handwritten notes]

20489

[Faint handwritten notes]

20490

[Faint handwritten notes]

20491

[Faint handwritten notes]

20492 *Chelidonium*?
glabrous
purplish blue

20495 *Urtica*
11. very rare, very common
fls yellow with brown
stamens, some green
pedicels and pedicels purple

20496 *Compositae*
glabrous under-spread,
heads yellow

20493 *Urtica*
glabrous, some dark green,
fls yellow, some green
pedicels and pedicels
purple, some purple blue

20496 *Urtica*
low, round fls

20497 *Urtica*
glabrous under-spread,
fls yellow

20504

Sept

beign...
the...
some...
...
= 1/2

owl

20505

...
...
of ...

July 7

...
...
...

20506

...
...
...

...
...

20507

...
...
... yellow

20508

...
...
... scarlet

20509

...
...
... yellow

20510

Calceolaria
1

20511

Cynopoda
7 ft shrub - somewhat
lustrous, 2 ft. flowers

20512

St. ...
8 ft ... - fruit ...
tomentose

20513

... 8 ft ...
... ground ...

20514

Rubus
Shrub, 3 ft ...
... orange

20515

Urtica
... apparently lustrous;
... no leaves on the
... part

20516

[Faint handwritten notes]

20517

[Faint handwritten notes]

20518

[Faint handwritten notes]

20519

[Faint handwritten notes]

20520

[Faint handwritten notes]

20521

[Faint handwritten notes]

20522 *Dryopteris oligophylla* var. *aequatorialis* Ehrh.

Guatemala

Asplenium ligulatum

20523 *Asplenium ligulatum*
Chamela, near ...
plants small ...

Platanus, ...
... (...)

20524

20525

... ..

20526 *... ..*

... ..

20527 *... ..*

Herb on tree 20 ft fl. white
up

20528

Chimaphila

lanceolata

1

20529

Nephtolepis bicolorata (Sw.) Schott.
(The Gray Herb. sheet reported as *Polypodium* sp., indicates a mixture.

20530

Asplenium

platyneuron
Shrub 2 ft. high on house
Lava

1

20531

Mercurialis
Shrub 4 ft. high

perfoliata

20532

Polypodium

platyneuron

20533

Tree on bank of river
Polypodium

platyneuron

Dactyloctenium aegyptium

20534

Dactyloctenium aegyptium
in grass

Chenopodium album

20535

Chenopodium album
in grass

Panicum polychaetum

20536

Panicum polychaetum
in open place along road

20537

Chenopodium album
in grass

Chenopodium album

20538

Chenopodium album (offense)
in grass

July 7 road

road

20539

Chenopodium album
in grass probably road side
road

20540
Shrub 5 ft tall
fruit greenish yellow

20541
Fruit a basal stem 1 foot
scarlet

20542
15 ft. white 3 ft long
nodes, leaves small
above 10 nodes

20543
5 ft. leaves in flower
fruit pale green or white
longitudinal lines

20544
Shrub 5 ft. fls small

20545
fruit 5 ft

20546 Diplazium sp.
- 10m
Wet forest 7 ft
10 ft

20547 Diplazium sp.
- 10m
Wet forest edge

20548 Cecropia
Wet forest

20549 Cecropia
Wet forest

20550 Gynura?
Wet forest edge of stream
rock. fls white

20551
Wet forest stream bank
fls 3-angled or round thick wings

20552

Shrub 10-15 ft
fls yellow fruit scarlet

20553

Shrub 10-15 ft
fls yellow fruit scarlet

20554

Shrub 10-15 ft
fls yellow fruit scarlet

Flora of the ...

20555
Shrub 10-15 ft
fls yellow fruit scarlet

20556
Shrub 10-15 ft
fls yellow fruit scarlet

20557

Herb 10-15 ft
fls blue

20564

Impatiens

3-4 ft. herb fls white
in old field

Habitica grandis

20565

Rubus

in old field

Andropogon brevifolius

20566

Andropogon brevifolius

Along edge of field. Large
masses

20567

Dec 30 at
marshy place

~~fls~~
"fls"

Lonicera caerulea

20568

in old field

Lonicera caerulea

20569

Lonicera caerulea

20570 *Trigonostemon*
Annual, low shrub 1-2 ft
4 ft.

20571 *Panicum*
Damp place

20572 *Piper*
Shrub 6-10 ft

20573 *Phyllanthus*
Low shrub

20574 *Solanum*
Stem lying rather delicate
low shrub

20575 *Cucurbit*
Herbaceous, fls white

20576 *Lespedeza bicolor*
Common roadside

20577 *Branda doxax*
Branda doxax
In garden, ~~not~~ near flower
Called "Caviza"

20578 *Conyza*
In old field

20579 *Lespedeza*
In garden near water, with
yellow upper side of
blue petals in some
yellow spots on blue
in water

20580 *Lespedeza bicolor*
In clump in moist place

20581 *Salicetia vulpina*
Among ferns & shrubs

July 13

20582

Wet on road side in upper ^{part}
fls white also red

"Guabe de Rajaco"

long to fruit

20583

Tree 30 ft fls green

"Sapan de Paloma"

~~20584~~

~~plumosa trifolia~~
Lorales (muscifolia)
Wet to open pasture & sandy fls

Maracaibo

20585

Barrilete
The common large leaved
spec. yellow to red brown leaves &
green shoots.

20586

Compositae
Shrub 5 ft fls yellow

20587

Smilax
Wet to open.

20588

Centropogon

dark brown fls very purple

20589

Sapindaceae

Waxy wood fls white

20590

Sporobolus

dark wood fls very purple

20591

Euphorbia

small - shrubby - succulent

no prieto

fls - standard
yellow - white - waxy
red on upper half. Red
very pale yellow. bright
with red.

Tree up to 10 ft. branches woody with short
protrusions.

20592

Solanum

dark fls white

20593

Apocynum

from glaucous, some (as seen) here
succulent. fls yellow

20594 *Jatropha*
Phytolacca
Vine
along
water

20595 *Spergularia*
in the mud
of the beach

Convolvulus
20596 *Convolvulus*
around
the beach

20597 *Crotalaria*
common
in the
yellow

Stenotaphrum
20598 *Stenotaphrum*
in the
along

20599 *Paspalum conjugatum*
forming
in the
on the

20600: *Carex blanda*
Herb near a cedar tree
fls yellow

20601 *Panicum monsutum*
Moist shade

20602 *Panicum*
Among brush along stream

Phytolacca - rocky hill north of town
along ridge, slope

20603 *Carex*
Herb near rocky stream, moist shade

20604 *Carex*
ditto

Adiantum concinnum H. & B.
20605 Fern
Rocky bank.

20606 *Chrysothrix*
Shady bank

~~20607~~ *Chrysothrix*
Among stones

~~20608~~ *Chrysothrix*
Shady & branched along face,
among stones, perennial.

Chrysothrix
~~20609~~ *Chrysothrix*
Among stones, edge of lake camp

~~20610~~ *Chrysothrix*
Dry hill

~~20611~~ *Chrysothrix* 111
Dry slope fl. rose - salmon yellow
green lobes with white margins
buds

20612 *Phytolacca*
fls purple 3 ft

|||

20613 *Erigeron pilosa*
looks like *E. pilosa*

||

20614 Composite
fls were purple

20615 *Geranium*
long stem, very similar to *G. rose*
to blue or purple.

Andropogon furcatus de J. & S. |||

20616 *Muhlenbergia* (see above)

20617 Composite
Stems 3 ft fls yellow.

20618 *Synedrella*
Herb vine fls yellow, with
orange many bracts & large
bracts

20619 *Rubiac*
Low shrub 1 ft fls white

20620 *Mallow*
Herb fls fls

20621 *Chrysanthemum*
Herb fls - probably same
as 20618

20622 *Chrysanthemum*
fls white

20623 *Euphorbia*
Annual, stem plants with hard
woody base, rather delicate.

20621 *Conyza*
Stems 2 ft. fls. rose colored

20622 *Bambusa*
Stems, 4-10 ft fls. rose colored

Andropogon furciferus
20626 *Andropogon* (Anonim)
Large heads on dry slope

Andropogon furciferus
20627 *Andropogon*
Large heads on dry slope

Andropogon furciferus
20628 *Andropogon* *contorta*,
dry slope

Andropogon furciferus
20629 *Andropogon* *distachya*
dry slope

20630 Compositae 1
3-6 ft fls yellow

20631 Raniflorae
from same as in *habacaceae*
fls brilliant scarlet

20632 Compositae
3-6 ft fls yellow

20633 Bromeliad
dry slope. Long clusters of
leaves at base. Inflorescence 3-6 ft
infl. bracts & calyx scarlet, corolla
white

20634 Compositae
somewhat shrubby, much branched
3-6 ft fls yellow

Boraginaceae - Solanum 1
20635 Solanum
shrub habit common

July 17

20637 *Senecio*
Wet cliff - *Senecio* -
white, fruit contains 80 seeds above
soil.

20638 *Senecio*
dry bank fls white fruit
dry, many spines rather stiff
fruit contains 80 seeds
Wet slope near *Senecio*

20639 *Senecio*
dry bank, fls yellow
fruit soft

20640 *Senecio*

Wet cliff - *Senecio* -
white, fruit contains 80 seeds above
soil.

20641 *Senecio*

Probably same as 20639

20642 *Senecio*

Wet cliff fls blue-purple

20642 *Asperula*
Stems of present year with fls
only (the one with a stem 1 year high)

Trifolium
20643 *Trifolium*
(concolor, or *altissimum*)
Large bunches on a partly
shaded slope.

20644 *Juniperus* var *ky3*
Claviceps trispori Stev. & Hall.
Sieber's letter April
9, 1924.

20645 *Euphorbia* ? III
fls. on stems 10-15 ft. long
purple.

20646 *Legume*
Woody, some fls. purple,
fls. on stems. Some in a
more shaded area with purple

20647 *Cytisus* /
Wood staff

20648 *Scroph*?
cliff side, leaves
lined with orange fls red

20649 *Eupatorium*
Shrub, 5 ft fls
blue-purple

20650 *Myrtaceae*
2-3 ft shrub, fls pale purple

20651 *Eupatorium*
shrub 1-6 ft fls greenish
yellow

20652 *Parrot*, *Swartzia*
river bank.

20653 *Asclepias (saccharosa)*
shrub, 6 ft. probably same as
and not so pale as

20654 *Chenopodium* (sp.)
Stems lying among stones in
moist place

20655 *Aster* sp.
Stony bank, stems brown
the branches spreading, stems drooping -
not from 1953

20656 *Pasp. humile* (L.)
Stony slope among stones
mostly too old

20657 *Solanum*?
Stem 3-8 ft. fls. pale, yellow or
creamy, greenish on outside
leaves & petioles the dorsal surface
with very small, brown, 7-8 mm. sp.
in furrows.

20658 *Euphorbia*?
Along track

20659 *Pennisetum* (L.)
Stony bank, fruits brown -
purple.

20666 *Asplenium*
Pinnatifid, glaucous, with 6-8

20667
Stems to 2 ft
fleshy - green

20668 *Polypodium*
Among brush, up to 10 ft.
leaves linear, lobes along the base

20669 *Polypodium*
Stems to 2 ft
leaves, 5-6 ft long
with small branches above

20670 *Polypodium*
Stems up to 2 ft
creamy white

20671 *Polypodium angustifolium* Swartz
Fern
growing down from wet
cliff.

20672 *Agrostis* *diffusa* 11
Herb vine - near Nanyangpa
More shade in shade

20673 *Compositae* - *Valerianae*
Herb vine - near Nanyangpa

20674 *Curculionidae*
Herb vine - pads explosive
More woods - near Nanyangpa

20675 *Andropogon*
fls yellow - near cliff

20676 *Promeliad*
Rocky slope - wood-rotted - blades
spotted with purple

20677 *Andropogon*
Rocky slope

20678

Melastoma
fls white

20679

Ardisia
Rocky cliff - Townsend

20680

Parulium
moist slope

20681

Promelia
rocky cliff fls scattered little
/ some bushes of prickly bush with a
few flowers. No large macrocarpa
one spec. probably some of another spec.

20682

Ardisia (Phyllanthus)
among brush in rather moist place

20683

Phytolacca?
shrub 8-15 ft fls white
green

20684 *Quercus* /
3 ft. leafy

20685 *Prinos*
Shrub on small tree
leafy fruit black

Alausi, July 19. alt. 5500 ft

20686 *Passiflora*
Grassy slope - common

20687 *Passiflora*
Open cut.

20688 *Passiflora*
along by

20689 *Passiflora*
Open ground along by

20690 *Euphorbia*
Apr 10 1911
Hill side

20691 *Euphorbia*
Apr 10 1911

20692 *Compositae*
Apr 10 1911

20693 *Solanum*
2-4 ft. fls. green

20694 *Solanum*
2-4 ft. fls. scarlet

Chloris
20695 *Chloris*
Along R.

20696 *Scirpus eriopodus*
Boulders
Open grassland - common but
too old

20697 *Scirpus*
2 sp. fls were present

20698 *Stipa capensis*
Steppe
Open grassland - common

20699 *Stipa capensis*
Open grassland

20700 *Stipa capensis*
Open grassland - common
fls were present

20701 *Stipa capensis*
Open grassland - common
fls were present

20702

Stem hairy. Much branched
4-8 ft. at Maguila - Puerto
Sticky
Along the way

20703

Similar to 20702 but more sticky
Sticky

20704

Compound
leafy stem 1-2 ft. Rays white
Open ground

20705

Stem hairy
Along the way

20706

Compound
leafy stem 1-2 ft. Rays white
Open ground

20707

Compound
leafy stem 1-2 ft. Rays white
Open ground

20708 *Spartanacanthus*

20709 *Sporobolus* - *Sporobolus*
Commersonia - *Commersonia*

20710 *Commersonia*
Alley by - 4-6 ft

20711 *Lubricat*
Hillside - *Commersonia*

20712 *Commersonia*
Hillside - *Commersonia*

20713 *Commersonia*
Hillside - *Commersonia*

20714 *Euphorbia*
prostrata

20715 *Quercus*
Open hill - 1/2000

Antennaria
20716 *Antennaria*
Open ground, common ^{but few}
old hills, rarely. Much
found locally, especially

Thymus
20717 *Thymus*
Open ground

Erigeron
20718 *Erigeron*
Open ground - common but
not old

20719 *Thymus* var. *785*
Shrubby - 1/2000

20720 *Geranium*
fls rose to blue
5 ft

20721 *Stipa pennata*
fls pale yellow
Panicum

20722 *Agropyron*
Many culms, some branched

20723 *Paspalum*
fls white

20724
fls 3-5 ft

20725 *Lolium*
fls several

20726 Composite (Saxifragaceae)
3-4 ft

20727 *Stem*
Stems erect, terete. Leaves
mostly sessile

20728 Solanaceae
Stems 2-4 ft fls brown
purple

20729 - Feb 29 Road toward Cuzco, up hill
in shade. Yellow flowers. 1-2 ft tall.
20730 *Stem*
Stems 1-2 ft tall
Dry hill

20731 *Stem*
Stems 1-2 ft tall
Dry hill

20732 Composite
2-3 ft fls yellow
Dry hill

20732 Scroph
with a reddish throat fl. white

20733 Umbellae
Shrub 5-15 ft. fl. white
dry slope

20734 Compositae
Shrub 5-15 ft.
fls. yellow
dry slope

20735 Rubiaceae
Small tree 20 ft. fl. yellow
dry slope

20736 Compositae
Shrub 10-15 ft. fl. white
dry slope

20737 Rubus
Shrub 8-12 ft. fls. white
dry slope

20738 *Malva*
Rusty slope

20739 *Monarda*
In tree. Numerous, linear-lanceolate
- acute, depth 2 ft.
Fruit only

20740 *Calceolaria*
Shady place, 7 ft tall

20741 *Chrysopsis*
Stem. Stem (lvs) 8-10 ft
Dry brushy slope

20742
Small tree or shrub 10 ft
fls green
Dry slope

20743 *Stipa (microdon)*
Dry grassy slope, some flowers

20744 *Aspid. ...*
Aspid. ...
Dry ...

20745 *Dalmanella*
Shrub 2-3 ft ...
Dry slope

20746 *Fuchsia*
Dry ...

20747 *Passiflora*
...
...
...

20748 *Archea*
On tree ...

20749 *Archea*
On base of tree
...
...

20750 *Asplenium*
Large - found in tree, 10 ft. high
Its ground level

20751 *Compositae*
Shrub - stem hairy - up to 12 ft.
Rays white, branched, some
at base of involucres, some
slender some in pairs of tubular non
old part

July 27 - collected north of town - about 5000 ft. - 111

20752 *Thymus*
Grassy hillside, fair sized bush
only a few flowers

20753 *Andropogon* (grass)
Small bunch, 10 ft. tall, etc.

20754 *Lasiacis* (daisy-like)
Clustering in moist meadow

20755 *Peperomia*
In moist forest. Stem, sparsely branched
Arrangement of leaves, 10-15 ft. tall.
In flowers, terminal - stems purple.
Its white heart with pink.
Stems more or less woody - much fat

20756

low hill - small tree
on edge of swampy area

20757

Steppe
mossy bank

20758

Eragrostis
mossy bank

20759

low bank

Steppe
mossy bank

20761

Steppe
under open park - old field
flat & grassy,
mossy hill

20762 *Crotalaria negandana* ↓
In 4.1.1.1. (Gronoweds)
Dirt cut

20763 *Orchid* II
In tree - mount thick
fls yellow with brown-red
spots

20764 *Lantana?* II
Shrub 3 ft, Sing hill fls
Yellow

20765 *Wrightia* ↓
In my hill

20766 *Melastoma* ↓
In my hill

20767 *Antropogon brevifolius* ↓
Side of cut

20768

Amelanchier

2 dr. spec

20769 *Baccharis*

Small tree 20 ft. fls yellow
Dry hillside

20770

Baccharis

Shrub 10 ft.
Dry hill

20771

Stipa

Dry hill

20772

Chaetochloa

2^d zigzag (below Alami) Dry slopes
Common in dry regions of the interior.

20773

Eragrostis

2^d zigzag

20774 *Senecio* ^W
Cotapachi Station (418 Km)

La Rinconada - 6000 ft
between Ibarra and Tulcan
Sr. Tamaya - August 10
about 10000 ft. past the top of slopes

20775 *Compositae*
Shrub

Dryopteris sp. Same as 20780
20776 *Fern*
Ravine

20777 *Compositae*
Shrub

20778 *Resnuae*
Shrub in grassy field.
Corolla yellow. Edges red

20779 —
Tree

Dryopteris sp. Same as 20716

20740 *Fern*
Rare

20741 *Gentiana*

Hebe *triflorata*
20742 *Paspalum*
Sandy bank

Cephaelis monantha L. var.

20743 *Fern*
Rare

Cephaelis monantha L.

20744 *Fern*
Rare

20745 *Compositae*
Open slopes yellow

20786 Solanum
Linn. found on small tree
fls white

20787 ~~Euphorbia~~ —

20788 Alsineae
Open ground

20789 Compositae
Shrub

20790 Urticaceae
shrub

20791 Malvaceae
Shrub fls white

20792 *Picea*
Shrub

//

20795 *Sorbus*
Shrub fls white - young

20793 —
Shrub fls red

//

20796 *Compositae*
fls white

20794 *Senecio*
~~fls simple~~ Shrub
Compositae

/

Calamagrostis strictifolia
20797 *Calamagrostis*

20798

Festuca poae
Festuca

20799

Bromus
Bromus

20800

Agrostis
Agrostis

20801

Galium
Galium

20802

Briza
Briza

20803

Urtica
Urtica
is this = 790?

20804 *Amorpha*
fls. orange red

20805 —
thick spike, many, long, glaucous

20806 *Solanum*
small tree

20807 *Vicia*

20808 *Conyza*

See next book for remainder of
La Pineda (no 20937)

Atavala to Malchugui Aug. 12

20809 *Stipa*

(Along adobe wall - Shavri
Stipa pinnatifida)

20810 *Malvaceae*
Shrub - fls orange yellow

20811 *Solanaceae*
Shrub - fls orange red

20812 *Convolvulaceae*
Small tree - fls white

20813
Small tree

20814 *Convolvulaceae*
Small tree fls pink

20815 *Passifloraceae*
vine fls scarlet

20816 *Leucopogon*
Small shrub, fls blue.

20817 *Cyclophorus americanus* (Hook.)
C. Chr.
Fls
Dry cliff.

20818 *Agropyron attenuatum* (Walt.)
Agropyron

Agropyron small shrub
20819 *Agropyron emaleoides*
Dry bank

20820 *Alnus*
Tree 20 ft

20821
Shrub fls blue

Ureopanax ecuadoriense Seem.

20822 Euphorbia
Tree 2 ft

20823 *Chrysanthemum*
fls white

20824 *Salamina*
fls white

20825 *Chrysanthemum*
Straggling or climbing
several feet

20826 *Acacia*
fls scarlet

20827 *Calceolaria*

20828

Chactactilon
insularis

20829

Chactactilon
insularis

20830

Chactactilon
Damp shady place

20831

Kalota
insularis

20832

Dasypleura
M.H. 5.30

20833

Chactactilon
Common in the dry hills

20834

Sporobolus argutus
Sporobolus argutus

Dry slope

20835

Euphorbia

Dry slope

20836

Amaranthus

Dry slope

20837

Mineria

Small tree - on slope
fls yellow

20838

Tillandsia

On hills in dry valley

20839

Verbena?

Dry slope, level 10 ft

20840
Small tree

20841 Salvia
Shrub, for about 1000'

20842 Opuntia
Cactus
to represent photo

20843 Legume
Small tree fls yellow
& orange-red

20844 Legume
Shrub

Malibu to Pomona - Aug 13
Upper stream 10000-11800 feet
middle hillsides

20845 Composite
Shrub

20846

Shrub

—
fls yellow

20847

Eupatorium

fls white

20848

Rubus

Small tree

fls scarlet

20849

Plant

—

Polystichum Sodiroi Christ

20850

Flora

Shrub

—

20851

Compositae

Shrub

—

20852 *Leucosticta*
Rudbeckia
2085

20853 *Archid?*
Rudbeckia
ditto
ditto

20854 *Leucosticta*
Rudbeckia
ditto

Cortaderia
20855 *Cortaderia*
Rudbeckia

Plinys
20856 *Plinys*
ditto

Algeria
20857 *Algeria*
ditto
ditto

20858 *Compositae*
Shrub

20859 *Celastraceae*
Tree, slope

20860
Asplenium
Blade 2-3 ft in diameter
Crenulate in outline but lobes not cleft
Depth 18 inches long

20861 *Capparis* ?
Small tree

Centropogon solomonensis
20862 *Centropogon*
5-8 ft. In dense forest
near stream

Centropogon
20863 *Centropogon*
Low clumps or patches - 5-8 ft.

20864

Bromus
Bromus

1

20865

Setaria verticillata
Setaria

1

20866

Lepidium

1

20867

Axillaria
Epiphytic, on soil

20868

Conopogon
Stems mostly on light
mud

20869

Conopogon
Stems

11

20870

—

1

20871

—

1

20872

Cyperus

1

20873. Salina
Small

20874 Turicum
Rocks bank

Calamagrostis planifolia

20875 *Calamagrostis*

20876 *Cordula*
Steep bank on cliff

20877 *Lycopodium* ~~sp.~~
Cliff *Wohlberetti (Kassel)*

20878 *Erigeron*
Small ground

20879
Floral yellow
Fls red white

20880
Fls white

20881 *Mullepica*
& put

20882 Impatiens
pls blue - blue

20883 Elaphoglossum tectum (H. & B.)
more
cliff

20884 Sesuvium
shrub pls red

20885 Conium
shrub

20886 Stipa
shrub

20887 Conium
shrub

20888

Small tree

20889

Shrub *Antiochia*
fls blue

20890

Shrub *Alantaria?*
fls blue

20891

Arctostaphylos

20892

Shrub *Euphorbia*
fls blue

20893

fls blue *Labiata*

20894 *Melastomaceae*
Shrub fls white purple

20895 *Melastomaceae*
Shrub fls white

20896 *Cuscuta*
An. narrow, white, glaucous
fls & sepals glaucous white

... .. /
20897 *... ..*
On a lake wall

... .. /
20898 *... ..*

... .. /
20899 *... ..*

20900

Polygala sanguinolenta
Polygala /

20901

Stipa tenuis
Stipa /

20902

Eragrostis pectinacea
Eragrostis /

20903

Andropogon Sach

20904

Eragrostis pectinacea
Eragrostis

20905

Wolffia linearis
Wolffia linearis *lance*
common in an open
grass field.

12

20906

13

20907

20

20908

6571

