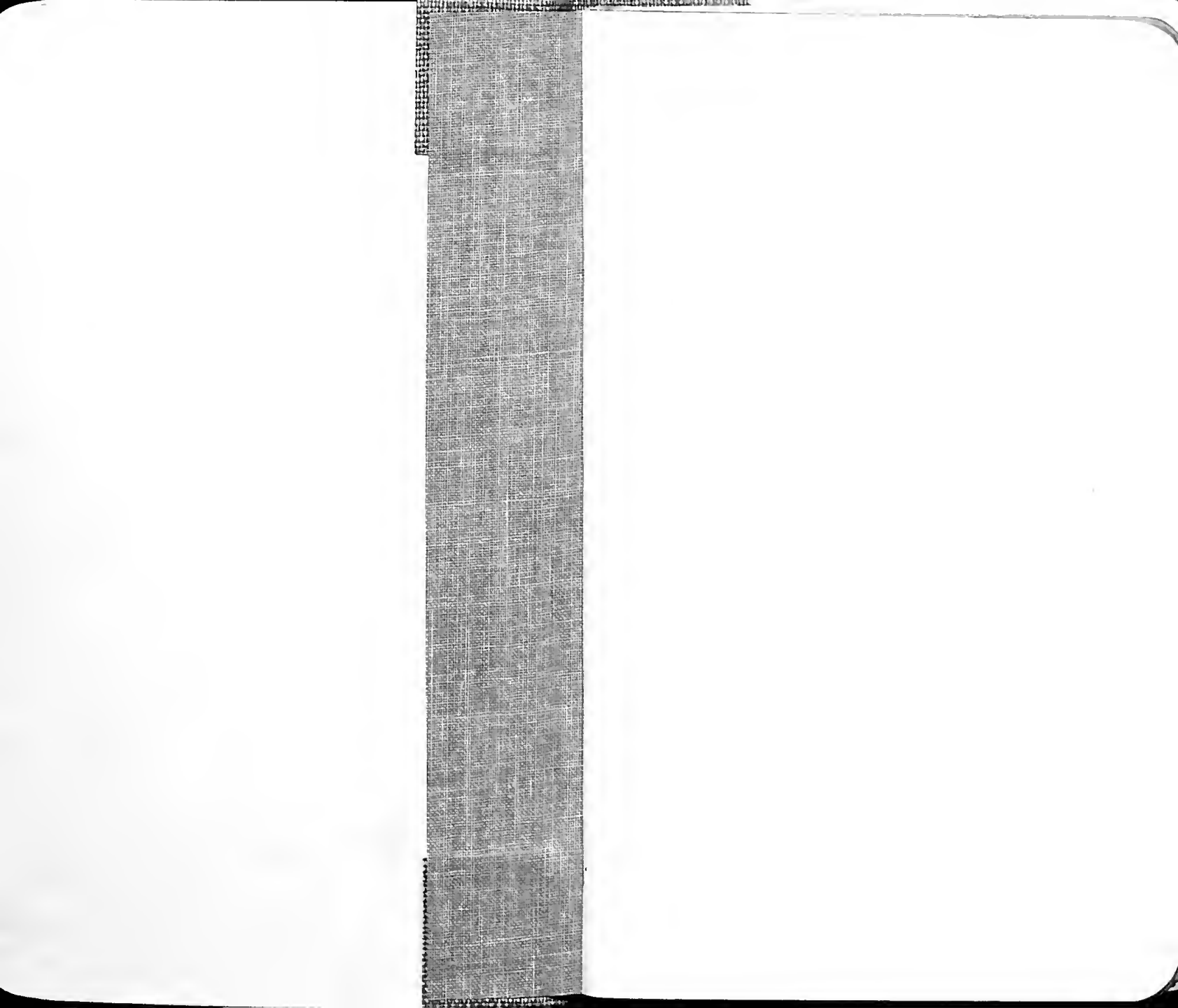
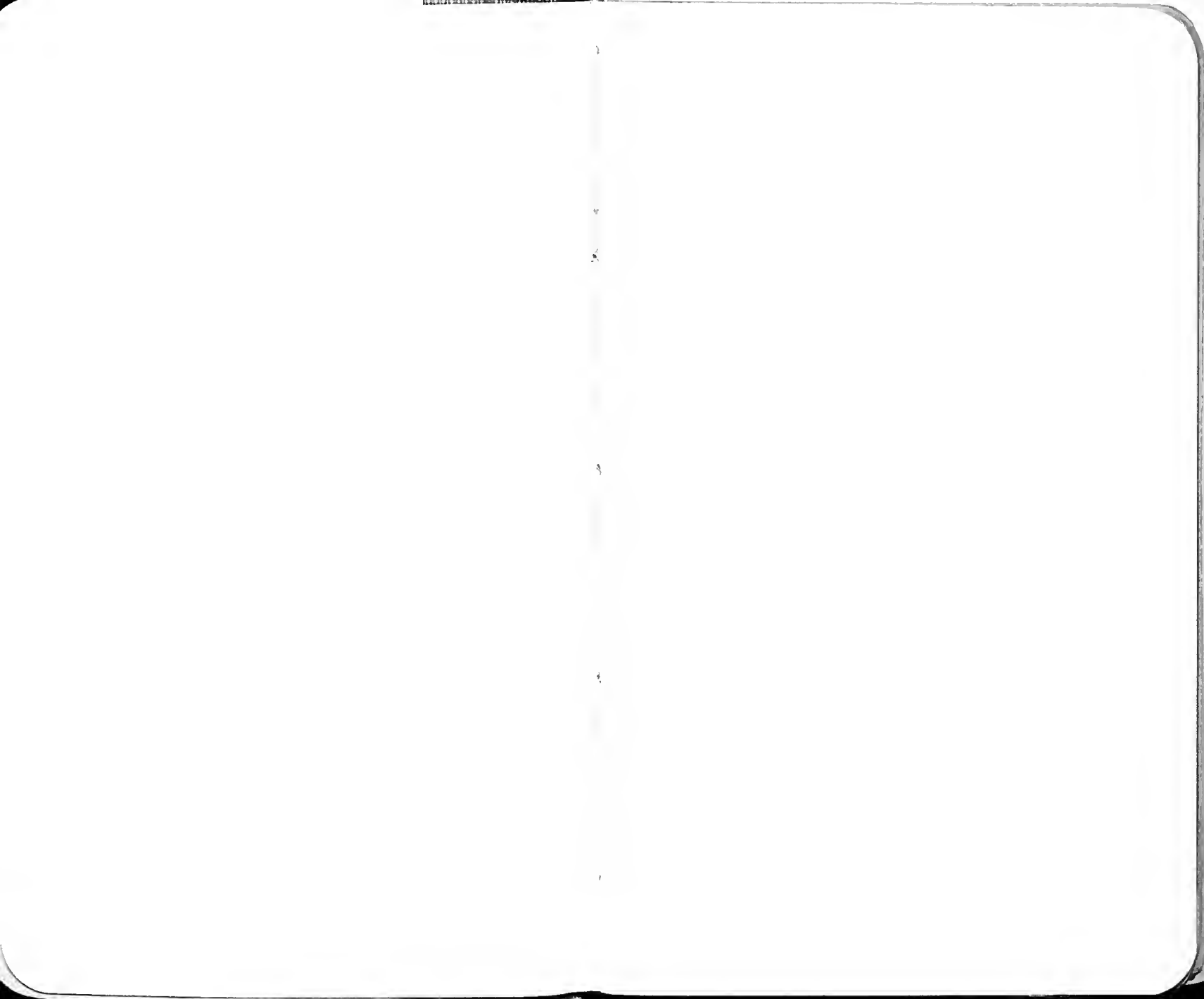


Vol. 136





8136 Cuba, Jan-Mar, 1910
(a) No. 3400 - 4449

Head of Water Reservoir Army
Secondary woods & thickets

- 3400 Tree 80 ft
bark smooth, white
- 3401 Weak shrub
10-15 ft
- 3402 Smilax vine, many feet
fruit dark red 1/3 in in diam
- 3403 Tree-like shrub
10-12 ft
- 3404 Shrub, Apocynaceae?
8 ft, fl. ovoid 1/2 in
- 3405 Orchid
on trees
- 3406 Shrub fls ♂
4 ft
- 3407 Shrub 6 ft
axillary fls purplish
- 3408 Shrub, yellowish foliage
6 ft, axillary fls white
- 3409 Shrub
4 ft ♀ fls of = 3406
- 3410 Vine like shrub
10-15 ft

3411 small herb 2-4 in fls purplish
in rich bog mud

3412 *Schizra*?
rich bog mud

3413 *Eleocharis* in bog holes

3414 *Utricularia* in bog holes
fls yellow

3415 Fern frond, green on both
sides rachis black

3416

Jan 2

to Rio Carbonica, yellow
stony limestone soil

3417 *Piper* 6 ft. near coast
broad leaf

3418 *Sesuvium* v. many pet

3419 *Guldenia*? v. many pet 6-10 ft
fls yellow lvs. shining

3420 *Ficus* tree 30-40 ft
fls. small

3421 *Santana*? 4-5 ft
fls pink, fls. lavender

3422 *Basalium*? 4 ft.
fls white - annular

3423 *Ficus aurea*?
tree 30 ft. fls. orange red

3424 Woody vine many pet
fls red, seed black, aril white fleshy

3425 *Cuscuta ovata* fls yellowish
green spreading tree 35 ft

3426 *Ficus*, tree 30-40 ft
fls large 1, 2, 3

3427 *Piper* narrow leaf
to 15 ft forming dense thicket

3428 *Thalassia* v. plants of
3427, at of washed down stream

3429 *Trinia* to 10 ft
fls orange red

3430 *Trinia* 40 ft, bark smooth, white

Jan 5th Pinaloa head of
Arroyo above dam, with
boggy

3431 Ferny frond. bipinnatifid

3432 Small tree, 10-15 ft on water
flowers purple, long and

3433 Small plant, 1 ft
tree trunk

3434 Small tree, 10-15 ft
small tree

3435 Filmy fern, 1 ft
1 ft

3436 Filmy fern of 3431

3437 * *Arclastomum* 2 ft, large
fls sessile, greenish white

3438 *Cypripedium*

3439 *Arclastomum*, 3-5 ft
small tree, 10-15 ft, fls purple

3440 *Sycopodium* - like, prostrate
from tree trunk, usually from

3441 Orchid in, at tree

3442 *Mistletoe* small branches
yellowish fruit

3443 Shrub by water, to 6 ft
corolla pink

3444 Woody vine 4-6 ft
fls purplish

3445 Shrub, 1-2 ft in shade
fls purple

3446 Shrub 3 ft
fls light red, thick leaf

3447 Orchid, growing in moss
fls yellow

3448 Shrub 6 ft
fls? axillary

3449 *Sycopodium*
at edge of Pineland

3450 *Thyrsanotum*? shrub 4 ft
fls yellow - in Sphagnum

3451 Orchid 3 to 5 ft high
fls orange, in Sphagnum

3452 *Sycopodium*
shady corner of 3449

3453 *Cypripedium*
near Sphagnum

3454 Comp. Shrub 8 ft
woody, beneath fls yellow

3455 *Andromeda*?
Tree 20 ft fls cream col.

3456 Comp, shrub-like
4-6 ft, fls yellow

3457 Orchid, at tree tops
fls yellowish

3458 *Ardisiacaceae*, shrub
6 ft. fruit purplish, fleshy

3459 Orchid, grass-like,
jointed & pendulous at base

3460 Shrub 8 ft.
fls racemose greenish

Jan 6. *Arroya del Burro* -
about the falls

3461 Tree, 25 ft., at edge of falls
fls. white ft. purplish

3462 Orchid fls axillary, white
curving over top edge of falls

3463 Shrub, 2 ft., silvery underneath
on rocks fls yellowish, crisp

3464 Orchid fls fly-like
white with brownish spots

3465 *Sobelia*? 6-8 ft coarse
herb? fls purplish

3466 Shrub 10 ft
fls white

3467 Shrub 6-8 ft
fls. ovoid white fleshy

3468 *Tillandsia*

3469 "Sedge" with lank above
big balls

3470 Orchid on rocks
fls purple, interior spotted yellow

3471 Shrub 8 ft
fls purplish black

3472 Ferny fern, creeping
at top of base

3473 Fern strap-like 1-2 in
or fern from base etc.

3474 Fern, "Asteriskum"
Blunt, 1-3 in

3475 Small fern *Asplenium*?
1 in, in dry moss

3476 Small serrated fern
in mats of moss

Jan 7 same as yesterday but
begin up stream to "bridge"
border in front

3477 Small herb 2 in

3478 Slender shrub 6-8 ft
by water, fls white fragrant

3479 *Cyperus*
moist
cruciform of rocks

3480 Orchid, fls purple
1/4 in on rock in stream (only 1)

Jan 8 On level plain
altitude abt about 500 ft.

- 3481 Shrub 8 ft. Rutaceae?
fls purplish. red
- 3482 Tree 10 ft.
- 3483 Cordia? Shrub 4 ft
fls white small
- 3484 Woody Vine many feet
x 1 1/2 in. Spiny branched fls glabrous
- 3485 Cyperus, slender 3 ft +
- 3486 Muscivora Chrysomelid trap leaf
- 3487 Tree-like Shrub 8 ft
fls white pendant
- 3488 Grass
5 ft
- 3489 Vine many feet
fls white, Convolvulaceae
- 3490 Shrub 12 ft
fls. blue
- 3491 Shrub
10 ft

- 3492 Passiflora
fls whitish, fr. red reddish
- 3493 Shrub 4 ft. Malpighiaceae
fls bright magenta, fleshy
- 3494 Eriochloa
in dark woods
- 3495 Copernicia Palm
10-30 ft. alt. about 500 ft
- 3496 Epidendrum, orchid
parasitic yellowish green, striped
with brown, lip yellow, striped purple

Jan 10 to old camp on Bandeira
trail, near moist tropical forest

- 3497 Comp. paint brush
fls orange
- 3498 Slender tree 25 ft x 3 in
fls white fringe-like
- 3499 Gramineae
fls large white
- 3500 Shrub 6 ft n. 4 1
fls axillary
- 3501 Herb 18 in. Rubiaceae
fls in thuds white
- 3502 Muscivora, small trap
fruit, white

- 3503 Slender tree 10-12 ft
fls? axillary
- 3504 Under shrub 3-4 ft
fruit, hollow, light blue
- 3505 Vine-like 10 ft
- 3506 Asplenium, broad pinnae
on trees
- 3507 Aemulicium pinnate on
the ground
- 3508 Orchid, fls small, yellow &
red
- 3509 Comp. Shrub? 20 ft
woody
- 3510 Filmy fern 6-8 in
to pinnate
- 3511 Vittaria scattered on
tree trunk
- 3512 Shrub, ~~shrub~~ ^{max} 10 ft or
more bluish black fruit
- 3513 Small entire fern
- 3514 Crispus Fern pinnate
rhizome green, on trees
- 3515 Melastomaceae Shrub 8 ft
fls white

- 3516 Araliaceae 7 m
40 ft
- 3517 Selaginella
on moss.
- 3518 Melastomaceae 7 m
20 ft. fruit dry
- Jan 13 San Arroyo (now name)
from Water tank on "Loma" to
Piedra Gorda, Serpentine
well formation.
- 3519 Shrub 15 ft
fls greenish yellow
- 3520 Tree, slender 18 ft
fls? axillary in ~~scattered~~ clusters
- 3521 Fern, Antennaria tall
- 3522 Vine - Apocynaceae
milky, woody, many feet
- 3523 Strychnia woody vine many
many feet (50) fruit red
- 3524 Woody vine many feet
fruit red
- 3525 Tree 30 ft.
fls. immature Lauraceae
- 3526 Shrub 10 ft. fls red
leaf compound

- 3527 Fern, on trees
- 3528 Small tree, with ^{rusty} comp leaf
20 ft. fruit hard
- 3529 Aroe? tree fls white
25 ft x 3 in
- 3530 Weak Shrub 10 ft
fls fleshy oblong, white
- 3531 Shrub 6-8 ft, twigs green
fls white, fruit red
- 3532 Woody Verru 30 ft
Marrubium?
- 3533 Bryopteris
thin leaf
- 3534 Millerina many feet
large entire leaf white
- 3535 Asplenium serratum
on "manaca palm"
- 3536 Eupatorium 6 ft bush, white
fragrant
- 3537 Orchid foot of Royal palm
in white, fls white
- 3538 P. ligopteris fern
by water
- 3539 Bromellad
infl sessile
- 3540 Piper nigratum 4-5 ft
smooth

- 3541 Sag. verru in crossing
fls yellowish brown
- 3542 Atractium soft
Return on horse via trail to
Woodford. serpentin rock
- 3543 weak Shrub or vine like
fls red leaf 1
- 3544 Verru, spiny fls reddish
6-10 ft
- 3545 Comp. shrub P.
6 ft, fls white
- 3546 Strict Shrub 6 ft,
fls axillary white
- 3547 Orchid, fls in colored
chard 1 in long
- 3548 Shrub 15 ft
weak, fls small, fl. ovoid
- Jan 15th am Old Camp &
Lull tops S. East
- 3549 Comp.
glossy evergreen leaf of allum
- 3550 Shrub bracts scarlet
tender leaf 6-8 ft
- 3551 Piper 8 ft

- 3552 Comp., 1 1/2-4 ft
bracts small white
- 3553 Shrub, strict 4 ft
fls. white
- 3554 Passiflora 2 ft
small lobed ^{stip} leaf, 1/2 in dull blue
- 3555 Palm spiny 10-20 ft
Palmetto. photo
- Pm, Pinn-lands & hills
S.E. overlooking Mysim Valley
- 3556 Shrub 12 in
bract-like
- 3557 Vaccinium 10 ft
fls red-ft, reddish black?
- 3558 Eriosema 3 ft shrub
fls white, very scarce
- 3559 Smilax, woody vine - 10 ft
fls red, fol. spiny margined
- 3560 Shrub 4 ft
fls white, black
- 3561 Jacquinia? 1-3 1/2 ft
fruit oblong dark orange
- 3562 Herb., scape 3 in fls white
- 3563 Tree to 25 ft
fls. white?

- 3564 Tree 18 ft
old vine only
- 3565 Coccoloba? Tree 30 ft
- 3566 Tree 15 ft
bracts? yellow
- 3567 Euphorbia broad leaf
18 in - 2 ft bracts scarlet
- 3568 Eugenia? shrub 10 ft
Bay-like odor
- 3569 Shrub 8 ft
fls. dryish
- 3570 Strict shrub 8 ft
fls spikes whitish
- 3571 Orchid Epidendrum
on rocks
- 3572 Sedge? 6 in
on dry cliff
- 3573 Aristolochia small vine
dry fruit
- 3574 Tree 40 ft fls 3/4 in glabrous
bract white smooth
- 3575 Tree
to 20 ft

Jan 18th Head of Arroyo
Sawmill

- 3576 *Wrightia* *Tim alerbul*
1/2-1 1/2 in yellow
- 3577 *Selaginella*
curves
- 3578 Fern small pendent
on tree fern trunks
- 3579 *Adiantum*
proliferous
- 3580 *Acrastichum*
4-6 in
- 3581 *Asplenium*
forked
- 3582 *Polypodium* *rusticum*
short pendent
- 3583 *Adiantum* stiff
- 3584 Orchid small scape 3 in
curves
- 3585 *Acrastichum*
1 x 6 in
- 3586 Bromellads
smooth, large fruit
- 3587 Orchid, grass like
fls purplish pink
- 3588 Shrub 6 ft ovoid

- 3589 Forlind fern *fruticosa* *erecta*
on log. by K20
- 3590 *Platycodon* vine 15 ft x 3 in
in Puen land Photo
- 3591 *Cestrum* shrub 4-5 ft
fls. purplish - near Guyata River
- 3592 *Polypodium* *insanum*,
on 3593
- 3593 Tree, 25 ft x 9 in fls dry
unblastomacran
- 3594 *Adiantum*
narrow segments
- 3595 Vine 5 ft.
- 3596 Bromellads, small fruit
- 3597 *Passiflora* fls. blue
- 3598 Grass
- 3599 *Physalis*
by trail
- 3600 Shrub 8 ft
+ K22 fls yellow
- 3601 Tree 20 ft & water
fls axillary yellowish

- 3602 *Stigmatophyllum*
fl yellow Edge of Ruess.
- 3603 Orchid angular bracts, in
cluster fl. pendant
- 3604 Orchid flat bracts oblong,
stem creeping like *Musa*-like
- 3605 Orchid, angular bracts
along creeping stem. *Sp. in inf*

Jan 19 Hillsides above Belham
below Jura

- 3606 Shrub 4 ft
fruit blackish
- 3607 Shrub 3-5 ft milky
fls spicate white
- 3608 Shrub 6 ft.
fl bluish black cross small
- 3609 Shrub 6 ft milky
fls 2 white fruit red
- 3610 Tree 20 ft, in glens
fl purple red.
- 3611 Shrub 5 ft. fl. green
- 3612 *Allicium*? Shrub 12 ft
fl star like, fls yellow red in center
- 3613 Undershrub 1-3 ft
fls whitish scaber, fls light red

3614 Shrub 5 ft

- 3615 Shrub or tree 20 ft
fls white black 1/2 in, fls large
- 3616 Shrub 6 ft. *W. in forest*
fls white simple fl reddish
- 3617 Spreading tree 5 ft
fls white fruit small
- 3618 *Moss-like* 6-8 ft
fl 1 in, red fls shining lobes

Jan 21 Rio Guayana
during rain, 3 night

- 3619 Shrub 10 ft many fls
fl. tubular, white 1/2 in across
- 3620 Orchid, *in white*
in *glens*
- 3621 Orchid, in ground
15 in, fls greenish blue
- 3622 Shrub 1-8 ft
- 3623 Shrub 4-6 ft aromatic
fls yellow
- 3624 *Hypericum*, many water
4 ft, fls yellow
- 3625 Spreading tree
35 ft

- 3626 *Shrub 2 ft. white.*
 fls white
- 3627 *Croton? 4-6 ft. near 100*
 fls white frag. rusty
- 3628 *Ficus? red skin*
 no small in flower
- 3629 *Climbing plant*
 bipinnate
- 3630 *Spiraea? 4-5 ft. 12 in*
 fls white
- 3631 *Vine 2 ft. 2-3 in*
 white
- 3632^a *Orchid two branches over*
 hanging water fls white

Jan 23

16000 back to *Vol. muricosa*
 via *Phanera*

- 3631 *Orchid, low*
 3-4 in across 5-6 in high white
- 3633 *Juniperus, upright tree to*
 35 ft. 2-3 in across 10-12 in high
- 3634 *Malvaceae, Shrub-like*
 3-6 ft. fls 1 1/2 in. yellow

Jan 24, Road of Assaya del
 Surda about 1/2 way to way

- 3635 *Myrica ♂*
 trunk 20 ft
- 3636 *Andromeda? 6-8 ft*
 fls white in bud white
- 3637 *Myrica*
 trunk like 20 ft
- 3638 *Cyperus*
- 3639 *... fls white*
 20 ft
- 3640 *Carex long. herb. in boggy place*
 6-8 ft. fls white
- 3641 *Vine 3 ft*
 infls axillary
- 3642 *Terrestrial Orchid*
 2-4 ft. in boggy place like 2-3 in
 across 1/2 in long 1/2 in high, white
 spots of purple on petals or leaves
- 3643 *Vine 25 ft*
 fls black, 8-10 in
- 3644 *Shrub 3 ft*
 fls white
- 3645 *Taxus*
 18 in to 35 ft. fls black
- 3646 *Epidendrum*
 rotund (broad)

- 3647 *Typhla*
in wood
- Jan 25 *Purshia Gordonii*
^{array} *S. glabra* ^{sum. stem}
^{50 ft}
- 3648 Herb 6 in
along RR
- 3649 *Cissampelos* vine 6-8 ft
fls whitish along RR
- 3650 Rubaceous? herb 18 in
fls white by RR
- 3651 *Marigold* 8-18 in
in field
- 3652 *Caroleospermum*? *flexibile*
vine 4-5 ft dry field
- 3653 Creeper on ground fl red
< River valley, wooded
- 3654 *Mauaka* *Palau*
seedling
- 3655 Shrub 8 ft
fls yellow
- 3656 Shrub 3 ft to 2 ft *erectum*
fls white to magenta
- 3657 Tree 30-50 ft milky fl
bright yellow when ripe "Jocouma"
- 3658 Shrub 10 ft
fls yellow fl red "Cano"

- 3659 *Asalaceae* tree 30 ft
fls white
- 3660 Shrub 6 ft. fls yellow *flexibile*
- 3661 Fern, upright stem 24 in to
4 in in stem root
- 3662 Fern, 3-5 ft *erectum*
Sun rock
- 3663 *Adiantum fragile*
Sun rock
- 3664 Fern, trilobed
- 3665 *Aurumia* - tree
small delicate 3-5 in
- 3666 *Aurumia* *thelicta*
fls fronds forked
- 3667 *Aurumia* 12 in tall
fls - last?
- 3668 Grass
sum. stem cliff
- 3669 Tree 30 ft, *Cupania*?
ripe fls yellowish brown
- 3670 Vine like
spiral fls white *sum. stem cliff*
- 3671 *Asplenium* 4 in " " "
- 3672 *Paperonia*

- 3673 *Urtica* herb. 3 in
5 in stem 100 ft 2
- 3674 *Stimulifera*
- 3675 *Subcrataegus* 5 ft
bracts fls white
- 3676 Tree 30 ft
fls white. fls purplish black
- 3677 *Smilax*
fl clustered
- 3678 *Malvastrum* 2 ft
fls yellow, greenish erites
- 3679 *Prunus?* 20 ft
fls white, white
- 3680 "Wra" 6 ft x 2 in spray ^{By cam}
fls white on purplish pedicels
- 3681 Tree
- 3682 "Polypodium" - Ground
- 3683 *Sclerocarya* (Linn) ^{Plant}
thin rope-like to 10 ft. on high
lim cliff over cave
- Jan 26
Arroyo Sebonca to Double
of the may arri, limestone hills
about 500 ft. alt. to Serpentine
- Bluff over Serpentine, Arroyo Sebonca Valley
mostly thin woods
- 3684 Tree 40 ft.
fl. yellowish brown
- 3685 Small tree 12 ft
fls white
- 3686 *Psychotria* fls purplish black
tree 20 ft fls white
- 3687 Tree 25 ft.
fls red
- 3688 *Psychotria* tree 40 ft
fls white, fls red
- 3689 *Stigmaphyllon*
tree 25 ft. fls yellow
- 3690 Tree 15 ft
fls white, white
- 3691 Tree 60 ft. 10 in
fls white, fragrant, fragrant
- 3692 *Mimosa* tree
20 ft. fls white
- 3693 Tree 40 ft.
fl axillary
- 3694 Grass, by valley serpentine
hill
- 3693 Small tree
15 ft

3696 Shrub-like
dry soil

3697 Grass 2-3 ft high

3698
in H₂O

3699 Chlorophyll
in H₂O

3700 Similar to 3699
in H₂O

3701 Polypodium
3701a "

3702 small, creeping
plant

Pilea barclayi
Anagallis in H₂O, about 10 cm
long stem with

3703 Peperomia, hairy leaf
in H₂O

3704 Pilea 3-4 in
in H₂O

3705 Passiflora fl. whitish
fl. green

3706 Pilea tall
in H₂O by H₂O

aluminum jar

3707 Orchid on log
In Pine Swamp, Woodford

3708 Grass

3709 Grass
Outcrop P.G., Woodford

3710
in H₂O

3711 Shrub 3-4 ft
in H₂O

3712
in H₂O

3713 Fern

3714 Fern

3715 Fern

3716 Small fern

Jan 30 P.M.

Falls of San Guayabo

3717 Orchid
in H₂O

3718 Comp. 2 fl.
or edge of pool, etc.

3719 Shrub 2 fl.
at edge of pool.

3720 *...* v. steep
shrub on hillside

3721 *...* on muddy bank

3722 *...* on hillside

3723 *...*

3724 *Epidendrum* low plant
see photo of old one

3725 *...* young plants
see photo of old one

3726 orchid, *...*
with roots

Cryptogramma etc.
woodland January 1960

3727 *Hepatica*

3728 moss

3729 "

3730 *...*

3731 *...*

3732 *...*

3733 *...*

3734 *...*

3735 *...*

3736 *...*

3737 *...*

3738 *...*

3739 *...* on limestone at
Arroyo Sebonca

3740 *Hepatica*, woodpile

3741 *...* "

3742 *Sieker* "

3743 *Sieker* "

3744 Sieberia
 3745 Sieberia
 3746 Sieberia
 3747 "
 3748 "
 3749 "
 3750 "
 3751 " Wood forest
 3752 "
 3753 "
 3754 "
 3755 "
 3756 "
 3757 Purpleball

3758 Fungi
 3759 "
 3760 "
 3761 "
 3762 "
 3763 "
 3764 "

Feb 1 Mt. Everest to Soma
 Kurugura.
 3765 Nurtastomacra 3' shrub 6 ft
 fls white, blue black, inner leaf
 Feb 1 near Soma Kurugura
 alt. about 2250 ft
 3766 Shrub 4-5 ft. fls light red
 along stream
 3767 Shrub to 10 ft
 fls globose, leaves green
 3768 Croton 4 ft, rusty foliage

- 3769^v *Orelea binnata*, in grass
yellowish green
- 3770^v *Cassia* 3-4 ft.
fls yellow
- 3771^v Grass 6-8 ft. in dense
patches
- 3772^v *Purpurella* 6-10 ft
anthers, fls red in.
- 3773^v "Panicum" broad leaves
1 specimen large
- 3774^v Comps, stem-like 3 ft
fls white
- 3775^v 8 stem 4-6 ft. *Ruellia*
fls velvety black
- 3776^v Filmy fern, in mats on
log. drabness the fls
- 3777^v Fern, among hard iron
stone in deciduous shade
- 3778^v *Juniperus* 3 ft
primary. Grass
- 3779^v *Brachyaria* fls blue
in grass - edge of pines
- 3780^v Erect stem 8 ft. *Malpighia*
fls. 1/2 in, scarlet.
- 3781^v Grass 4 ft. primary red-
dish
- 3782^v Shrub fls globose
- 3783^v *Pilea* 18 in fls brownish
among iron stone
- 3784^v *Bilbergia*? in fl. center
near base
- 3785^v *Cassia* 3 ft. long thick
fls yellow
- 3786^v Herb 2-3 in fls white
forming cushion like mass
- 3787^v yf? 2? filiform foliage
in tufts moist soil edge of
- 3788^v *Orelea* or cross the
ground
- Feb 2, side of Mt. Meruza
dry, rocky steep slope
2250 to 3300 ft alt
- 3789^v *Arbutus*? Shrub 3-5 ft
buds hairy fls yellowish?
- 3790^v *Smilax* 6 ft
fls black fls narrow entire
- 3791^v spiny Shrub 3 ft
fls small yellow
- 3792^v Shrub 5 ft. fls white 7-
ft globose

3793 ✓ Spiny shrub 4 ft
fls, yellow, small.

3794 Guttardia? 5 ft (6 shrubs)
fl 1/3 in, band globose

3795 shrub 6 ft, fls yellowish

3796 shrub 8 ft, magnolia-like
buds yellow

3797 Grass, filiform, or Cyperus
among rocks

3798 shrub 4 ft
small fls. yellow sp = 3795?

3799 Pine, tree 40 ft, spreading
branches.

3800 agave 20 ft
fls yellow, fol, green

3801 10 ft, shrub
fl 1/4 in dull red

3802 shrub 4-5 ft
fls white, fl orange

3803 Cassia fls yellow
3 ft.

3804 shrub or tree - like 10 ft
inner bark lacun like

3805 shrub about 10 ft
fruit 1/4 in

3806 Epidendrum fls purplish
among rocks

3807 Grass spikes narrow

3808 Arecif, vine, fls yellowish
5 ft or more, stem bright green,
grass, Panicum?

3810 Tree,
among rocks

3811 shrub 8 ft, fls buds

3812 Vine, fls white (Arecif?)
2 ft or more

3813 shrub 10 ft
fl buds

3814 Murlastomacoccus shrub
3-4 ft, fl pinkish

3815 small tree 15 ft.
evcolobus?

3816 orchid, purplish fls
cumb partly like Murlastomacoccus

3817 Anstochelia

3818 Scutellaria? 3 in
herb, in patch.

3819 Rubiacae 1-3 in
1/2 in white bracts

3820 small tree 15 ft
fl white

3 Top of mountain, very
steep about 3300 ft. S. of
Rock,

3821 Comp 3 ft
fls white

3822 Polypodium falcatum
on ground among rocks

3823 Asclepiadaceae 12 in to 18 in
bracts red

3824 Spiranthes fls white
bracts smoky

3825 Shrub 3 ft
fls bright red

3826 Peperomia

3827 Oncidium?

3828 Solanum

fls white
3829 Comp 2 1/2 ft
yellow

3830 7 ft 20 ft fls white

3831 Orchid, panicle yellow
lip purplish

3832 Comp fls white
6 in bracts red, woolly

3833 Fern, spiny climbing

3834 Pinus 30 ft

3835 Orchid, grass-like fls
purplish

3836 Fern

3837 Orchid yellow in
spikes

Fern, 3 to 4 in. roots 2-4 in
base of tree, Mengura

3838 Orchid terrestrial 3-4 ft
in tall grass, damp rich soil edge

3839 Rubiacae, herb 1-3 ft
fls white. Pinus lands

3840 Shrub, strict, upright,
tubular fls green & bluish

3841 Epiphytic shrub, fruit white
1/2 in, yellow, translucent, soft

3842 Orchid, leaves prostrate
leaves flat, large

3843 Fern, creeping, culms
spirose in scattered

3844 Orchid, small triangular
lobes, pit prostrate 4 in

3845 Fern - asplenium

3846 Symplocium

3847 Actinolum, large coarse

3848 Shrub 4-5 ft
fl. axilla & p reddish black

3849 Orchid, terrestrial
spike of fls, greenish, small

Feb 3, PM

campy foot of hill near
to Red Naraja mostly along
Bandra trail

3850 Herb. 12-18 in
fls white in heads

3851 Selaginella
among iron stones

3852 Shrub 5 ft, fls axillary

3853 Typhonium, shrub 3-5 ft
forming thickets, fls yellow

3854 Juncus ?

3855 Andropogon ? Grass

3856 Grass woolly

3857 Orchid, terrestrial, fls red

3858 Grass,

head of Falls of the Naraja

3859 Shrub 6-18 in
fls red leaf Holly-like

3860 Shrub 5 ft
fls? terminal yellow

3861 Pittosporum
silvery leaf

3862 Vine, 3-5 ft, Comp ?

3863 Shrub 8 ft
Capparis ?

3864 Shrub or small tree 6-12 ft
small dry capsules

3865 Shrub Comp ? 6-8 ft
fls whitish

3866 Slender or small tree to 12 ft
near old Fort

3867 Comp 3 ft yellow

3868 *Scaevola?* 3 ft

3869 Small tree 10 ft

Feb 4th, Camp at Mt Kerepua
to wood shed, along Planchon
trail, 3870-3878 mostly
dry mixed thickets or through pine
lands

3870 Slender 3 ft, fl. orange, etc.

3871 Slender stem 6-8 ft
fl. light red

3872 Slender-like
fls in bracts white

3873 Slender 5-6 ft
fl 1/8 in red

3874 Slender to 10 ft
fruit scarlet

3875 Slender 8 ft
mangy specimen

3876 Small tree 15 ft
fl. plates 3 sided

3877 Umbelliferous
yellowish

3878 Stem slender 10-12 ft
Eugenia? fl 1/2 in

Rich deciduous woods
among large iron stone
boulders

3879 Creeping fern

3880 *Oplocheilosium palustre*
on tree trunk

3881 Fern hairy, prostrate
to 2 ft.

3882 *Weddellianum* slender
10 ft.

3883 Slender 4 ft
fls white

3884 Creeping orchid

3885 Fern-like, creeping
Polytaenium?

3886 *Symplocos* or *laurel*

3887 *Microlepia* small
on tree trunk

3888 Tree 25 ft
fruit ped. yellow

3889 *Bomullad*
large leaves narrow

3890 small fern

3891 small hard fern

3892 *Ficus?* velvety leaf
tree, spreading, 30 ft high

3894 fern fern
bluish green

3892 small tree, 15 ft
fruit reddish

3893 Shrub 10 ft, dry capsular
fruit, nasty Falls of Rio Nasauya

Cryptogramma cul. near
Joua *Merugura* Feb 1-4

3896 Fungi

3897 moss on log

near plantain camp

3898 moss, on log

3899 " hanging from tree

3900 " on log

3901 (moss & *Selagin*) in iron
3902 } *Crataegus* of " } stone

3903 yellow algal on twig & under
leaves of Falls of Rio Nasauya

Feb 15

Baracoa, vicinity, nearly
limestone hills, soil yellow
soil

3904 *Pedicularis?* *Convolvul*
in yard

3905 Grass com.
in yard

3906 *Pedicularis?* *strob*
in yard

3907 *Paspalum*, upright
glossy leaf in yard

3908 *Pusticaria* herb 3-6 in
fls white in yard

3909 Creeper, 2-3 in, flat on ground
white fls white scapes thin, in grass

3910 Shrub 10-12 ft. mud near river
fls yellow

3911 Wristle shrub, appearance
fls white in mud by river

3912 Wristle shrub, woolly fls
yellow, near river

3913 Shrub 6-10 ft. in mud

3914 Cyperaceae on Simunstein
rock, (crumbling)

3915 Asplenium on L. stem

3916 Gesneraceae, scarlet
3-6 in, water lilies on rocks

3917 Fern
Simunstein

3918 Adiantum papulea
Simunstein

3919 Herb, spikes long
Simunstein

3920 Adiantum, forest

3921 Solmsia Cleftmanii
Palau

3922 Aspidium
X

3924 Climbing Psidium
fls yellow

3925 Shrub 10 ft
fruit red?

3923 Adiantum

3926 Herb, fl heads white
3-4 in top of Simunstein boulder

3927 Polypodium foliolatum
on royal palm

3928 Polypodium inaequalum?
base of Royal Palm

3929 Shrub 3 ft fls yellow
Gesneraceae

Feb 16, across hills, Country
road to east of Barocra, Simun
stein hills & valleys

3930 Shrub 3-5 ft, in bushes near
old forest fls pinkish fls white

3931 Wristle shrub fls white
3-6 ft, Simunstein fl. white

3932 Tradescantia, purple leaf
& fls. "Papaya du Pirdra"

3933 Sag. v. v. fls purple

- 3934 *Athyrium*, roadside
 fr. reddish, slender 6 ft.
- 3935 *Eupatorium* fls white
 6 ft. roadside
- 3936 *Ficus* " green woods
 fls white 10' 15 ft.
- 3937 *Stigmaphyllon*
 2 ft. yellow
- 3938 *Adiantum*
 narrow frond
- 3939 *Aspidium?* tall clump
 pinna
- 3940 *Triangular* lobed fern
- 3941 *Silver* fern
- 3942 Small fern 1-3 in
 on rock cliff
- 3943 *Piper* 2 ft. "
- 3944 *Pilea* 2-4 in "
- 3945 *Adiantum* on rocks
 same data yellow line stem
 soil sand slicks, spring etc

- valley creek of Council Bluffs
- 3946 Herb, creeping, comp.
 yellow
- 3947 Creeping herb, fls lavender
 Euphorbia? in mud
- 3948 *Cyperus* coarse 5 in
 in clumps - mud -
- 3949 Creeping, herb, hairy
 fls white in mud
- 3950 *Cyperus*, stem leaves, 2 in
- 3951 Grass, *Paspalum?*
- 3952 *Cyperacean*, white top
- 3953 Comp, 6 in yellow
- 3954 *Cyperus*, thin short leaf
 clumps in spring
- 3955 Grass creeping
- 3956 *Euphorbia* 12 in
 white
- Lamp room, thick woods
 much, Royal palm, & Rose apple
- 3957 *Aspidium*

- 3958 *Pteris longifolia*
 shaded ravine
- 3959 *Villandesia gracilipes*
 on Supota tree
- 3960 *Euphorbia*
 fls white, on Avak hill

Feb 17th along Rio "uas"

- 3961 *Tururferia*, upright shrub
 6-10 ft. white
- 3962 Shrub, strict 4-6 ft fls
 small white, forming dense shrub.
- 3963 Shrub, fls & fr. white, ped. pink
 10 ft?
- 3964 *Piper* 3-6 ft
 acuminata
- 3965 *Hetera pallata*
 5 ft. on very large
- 3966 *Piper*, 5-6 ft
 fragrant, broad leaves
- 3967 *Sclagimella*
 empty on shaded rocks
- 3968 *Adiantum*

- 3969 *Euphorbia* 2-3 ft
 on Avak hill, shaded.
- 3970 *Pteris* fern, in wattle on rock
- 3971 *Pteris*
- 3972 *Sclagimella* 1-2 ft, with moss
 growing on rock
- 3973 Fern
- 3974 *Adiantum* very large
 on rock
- 3975 Fern large shrub
- 3976 *Coccoloba* "Araucaria?"
- 3977 *Pulmonaria* fern
- 3978 *Hairy*, prostrata fern
- 3979 *Sclagimella* bushy
- Feb 18 across the Bay to
 Oca, (part of island) (by land)
 along Playa lim rock & 2nd

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"Piloto" region, west of
 Barro Colorado

Feb 22 Up Rio Yamauigury
 & hills to "Camp 70a" 1350 ft alt
 (4000 to 4022, along rocky stream by Camp
 70a)
 4000 small fern on tree trunk
 4001 Ferny fern on ground

4002 Tree 20 ft, slender x 3 in,
pubescent. Guttiferous.

4003 Euphorb, tree 20-25 ft
leaves broad, flat, bracts red

4004 Muscivorous on 4002

4005 Tree 25 ft x 4 in.
fls orange colored.

4006 Pedalanthus slender 6 ft
lvs very small

4007 Orchid, on wet rocks (Pitheca)
ovules white lip bifid, purple yellow

4008 Shrub 6 ft. Camp
yellow

4009 Shrub 7-8 ft. fls white
purple

4010 Herb 1 ft. Camp

4011 Shrub 9-10 ft. Camp

4012 Climbing Tree

4013 10, 15 ft, lvs on top, pinkish
plants dead Spatterdock

4014 Shrub 10-15 ft
fls buds yellow

4015 Shrub 6 ft
pool brown

4016 Comp? 6-10 ft
stem hollow frag large

4017 Slender tree 20 ft
fls red

4018 Vine-like 10 ft
capsule

4019 Pitcairnia dry infl. 3 ft

4020 Pedalanthus, terminal
foliage

4021 Grass climbing many feet

4022 Shrub 6-8 ft by water.

Feb 23 6 am to San Benito
(Camp very rough very and
wet, dense growth, several
small streams, all water
only such things as cottonwood
be overland on ridges, some
bottom & no grass,

4023 Scizra 18 in under
-thick bush.

4024 Orchid creeping at base of
bushes, fls yellow, lip white & purple

4025 *Pinguicula* bank of stream
fls dark blue

4026 Orchid terrestrial along creek
w/ fls yellow sparingly along trail

4027 Shrub 3 ft. fruit covered yellow

4028 Shrub 4-5 ft. a little fleshy
leaf

4029 Creeping 25 shrub
fls orange yellow

4030 Shrub 12-18 in fl. white
along stream among rocks

4031 Small fleshy bush, on twigs
have rosette infl. white tubular

4032 Small fern
Tm trunk

4033 Shrub 3 ft. trifol leaves
fls rotund white

4034 *Pedicularis* fls white
2 ft. fol reddish

4035 *Clusia* 3-5 ft along trail

4036 *Synapodan*-like
on base of bushes fls white

4037 Shrub 1 ft
by stream

4038 Filmy fern on ground

4039 *Pappus* base of
bushes, bracts hopred leaf

4040 Terrestrial orchid 8 in
fls white

Feb 24 Camp Benito
about 3000 ft., along large
rocky stream, in dense low
thicket growth
along trocha west of camp

4041 Shrub 6 ft fls dark red

4042 Shrub 10 ft.
bud yellow

4043 Straggling shrub 10 ft.
fls yellowish capsuled

4044 Shrub 8 ft.
spikes whitish

4045 Shrub 4 ft.
infl terminal

4046 Vine like shrub 10 ft
infloerose

- 4047 Vanilla, climbing, red
fruit, ped short
- 4048 Pittorobolium
4 ft.
- 4049 Weak shrub 3-4 ft
fl. dark red
- 4050 Stragling comp.
4-6 ft, small white fls
- 4051 Asclepias? vine 6 ft
fruit 4 in
- 4052 Stragling shrub,
- 4053 Comp yellow
2 ft
- 4054 Shrubby shrub 4 ft
fl. terminal
- 4055 Mimosaceae 10-12 ft
much branched near water
- 4056 Grass climbing many (10)
fruit "Tovisru"
- 4057 Shrub like 6-15 ft
very abundant
- 4058 Mistletoe on 4057
- 4059 Tree 15+ ft
infl terminal

- 4060 Shrub
6 ft. Andromeda-like
- 4061 Tree 15 ft
fl. yellow
- 4062 Shrub 3 ft
fl. yellow
- 4063 Stragling shrub 4 ft
~~fructiferous?~~ fls white
- 4064 Tree 20 to 40 ft
X Coriaria region
- 4065 Shrub, slender 10 ft
fl. red
- 4066 Tree like Guttatoria?
10 ft, fl. red
- 4067 Shrub 8 ft
terminal spikes
- 4068 Stragling shrub 4 ft
- 4069 Grass or sedge
- 4070 Comp 1-2 ft fls purple
rich ~~with~~ thickets
P.M. along very wet stream
below camp
- 4071 Shrub on rocks by K20
fls white 2-3 ft

- 4072 *Cassia* ^{benitoensis - type} on rocks by H₂O
6-9 ft
- 4073 Shrub 2-4 ft
yellow
- 4074 Comp. *Urena* P/10 ft
fls pinkish
- 4075 Shrub like 4 ft
bright red
- 4076 Shrub 5 ft
infl axillary, clusters
- 4077 Holly-like 4-10 ft
fl yellow comp
- 4078 Euphorbia much branched
shrub 3-5 ft, scarlet fls
- 4079 Comp, yellow, 4-6 ft
- 4080 *Brisley*, shrub like
fleshy leaf, fls white
- 4081 *Melastoma* P
shrub - 10 ft no infl
- 4082 Shrub 10 ft
Eucalyptus, terminal fruit
- 4083 Orchid on rocks
stump flat
- 4084 Comp - 5-6 ft
fls small in open clutches

- 4085 *Mulleton*, small
on 4086
- 4086 *Podocarpus* 3-10 ft
fls fleshy scarlet, "3rd" black
- 4087 *Pinus* to 30 ft. Spraying south
end along stream
- 4088 Shrub by H₂O - 2 ft
scarlet, dry capsules
- 4089 *Sag.* tree, mat, brown fls
fls white & pink
- 4090 Shrub 2 ft
fls bluish brown
- 4091 Shrub, slender, rarely branched
clust fls on top
- 4092 Small tree 15 ft,
large scaly terminal buds
- 4093 *Erythronium*? 12 in
clumps 6-10. fls
- 4094 Slender spraying branched
shrub, infl, terminal purple
- 4095 Shrub 4 ft
terminal fruit
- 4096 *Sclaguerella*
on bank

July 25th
along trail returning from
Camp San Benito - to Camp
San Benito

4097 Shrub 4 ft, fls whitish

4098 *Cypripedium*

4099 mesquite yellowish
small

4100 Shrub 6-8 ft
fls. green terminal

4101 *Vaccinium*? fol. red
10 ft

4102 *Pedicularis*, 18 in to 2 ft
young fol reddish

4103 *Andromeda* - like 4-6 ft
fls pinkish

4104 *Eryophorum*? white
clump fls. but smooth

4105 Comp. fls purple

4106 *Eryophorum*?
leaves

4107 *Cypripedium*

overstory pass about 3300 ft alt., scrubby
growth scarcely over 3 ft high

4108 Comp. 2 ft, white fls

4109 Shrub 2 ft, clusters of terminal
flowers, white

4110 *Fern*

4111 Palm, 6 ft fan leaf, July 3, 1944
no infl., found plants rare.

4112 Palm tree 8-12 ft x 2 in
4112a ~~Palm tree~~
fronds white, leaf bud at base

4113 *Sphondylia*?
fls white

4114 Shrub 2 ft
infl terminal

4115 *Andromeda*? 2 ft
leaves brown buds

4116 Shrub, thick whitish
terminal flowers 1-1 1/2 ft

4117 Shrub, yellow leaf
18 in

4118 *Gnaphalium*-like? 5 ft, 6-8 ft
thick woolly leaf

4119 Shrub, yellowish/white
2 ft, if = 4117?

4120 *Ficus* like shrub
1 1/2 - 2 ft

4121 Shrub 12-18 in
whitish, small leaf

4122 Shrub - *Heath*-like 1-2 ft
capsules pinkish

4123 Comp? 1 1/2 ft.
thrust crop

4124 Stemless 3 ft.
clustered angular pods

4125 Clusia 4 ft
fl. in reddish

4126 Shrub 2-3 ft. if measured
fl. dark red

Richer than others, damp &
coming all the way toward "river"
at Camp Sa Barga

4127 Fern, "wedge shaped"
aspidium?

4128 Filmy fern elongated
pouch

4129 Under shrub 1 ft
fl. blue

4130 Aquatic, moss-like in
small pond about 2500 ft alt.

4131 Creeping fern on rocks etc
small culms, no spore?

4132 Creeping grass
2 ft

4133 Small fern

4134 Fern, wedge shaped
by a brook

4135 Shrub 10 ft, magenta-
lith. bud large white

4136 *Merlatomacraea*
8-10 ft small tree

4137 Herb 4 ft.
Solidia?

By river at Camp Sa Barga
alt about 1900 ft.

4138 Shrub 10 ft - 12 ft
dry rock

4139 Spreading shrub 2-3 ft
by water fls white, numerous

4140 *Encorena* 2 ft
white spikes

4141 Herb like small many from
1 root tract 12-18 in, fls white

4142 Small fern *Aurumia*?
sandy bank

4143 *Merlatomacraea* 2-4 ft
fl. purpleish

4144 Shrub 2 ft
yellow by 1420

Feb 26 trail, Camp Sa
Barga to Camp Toa

4145 *Senecio*? narrowleaf

4146 Comp. small 1 ft
woolly beneath

4147 *Mercurialis* 4-6 ft
sessile axillary bracts, red

4148 Piper 5 ft

4149 Comp 6 ft
yellow

4150 Fern, on clay? bank

4151 Shrub 10 ft, white

4152 Shrub 8 ft corolla lobes
spike white

4153 Creeping fern, ponds
stem, 6 in

4154 Tree fern 2-10 ft
fronds 1 1/2 to 6 ft, clamp stage
moss

4155 Filmy fern? very small
on banks

4156 Hard fern

4156 a. do do?

4157 Filmy fern on bank

^{water-soft}
Plantain, only sand in stream
very soft soil very smooth
17-21 ft high, in stream
dendroica? white? red? eggs
pedicel... with covering
of ground, about 1700 ft alt

4158 *Pilea* 10-40 ft x 3-6 in
stem 10-15 in

4159 Shrub 7 ft
terminal fl.

4160 *Symplocos* 1-4 ft

4161 *Symplocos* creeping
in wet margin of pool

4162 Tree fern in ledges
4-6 ft

4163 Shrub 10 ft,
ole whitish axillary

4164 Shrub 6 ft
Guttler-like? white terminal

4165 Shrub 6-8 ft
spikes bright red

4166 *Cypripedium* serratum

4167 *Sida* in valley, forest

8 ft

Reed on lands, Pine trees
with deciduous shrubbery
amongst, no grass, unlike
Nipha pumferrata all about
1400 ft

4168 Shrub 4 ft

fls terminal greenish

4169 *Spiranthes*, scattered
plants fls white

4170 Shrub 3-4 ft

fls red

4171 100% like *Comp*
shrub red

4172 Shrub 2 ft

fls white cf = 4170

4173 *Eugenia*? shrub 6 ft
fls white

4174 *Pines*

30-50 ft

4175 Shrub 1-4 ft

white fragrant fls

4176 Shrub-like 2-3 ft

Comp, whitish

4177 *Cypripedium* 6-8 in
white

4178 *Cypripedium* 18 in edge
of Pine lands

4179 *Rubus*? 7 in 15 ft
long ped

Saurau all the way to base
Serpentaria etc. But on
hard packed red on often base
for large areas

4180 Shrub, 4-10 ft, ft

terminal, fls yellowish fragrant

4181 Shrub 6-7 ft *Cyrtandra*
ft terminal numerous

4182 Shrub 4-10 ft

fls pink ft, silky, bark brown

4183 Shrub-like 6-8 ft
whitish

4184 Climber 2-3 ft
white

4185 Shrub 10 ft

glossy leaf ft, terminal

4186 *Dracopis* - like
5-10 ft

4187 Fern Shrub, on low bamboo
spots

4188 Shrub 1-5 ft
fls 1 in, yellow

4189 Pines, small wood cove
6-10 ft, in fruit

4190 Shrub 3-5 ft, lvs, yellowish
terminal fls white

4191 Mistletoe
round leafed

4192 Pinnate shrub
6-10 ft

4193 Guiltard, 3-5 ft
fls whitish

4194 Pines, small trees
at 100 to 200 ft alt.

Feb 27 & 28

alluvial valley of Rio
Yamaniguay, rich sandy
soil tall trees, also near tide
water

4195 Shrub 10-12 ft
in fruit

4196 tree 25 ft
pod warty

4197 Shrub, fern
mostly stem

4198 Shrub 10 ft
whitish

4199 Fern Aspidium

4200 Piper 6 ft

4201 Herb fls white
forming cushions, 2 binerved

4202 Herb 3 in fls yellow
Primula-like

4203 Herb camp 2-3 in
lvs, rotate

4204 Shrub 8-10 ft
terminal fls, whitish

4205 Polygala, 3-6 in
white

4206 Shrub 8-10 in
fragrant

4207 Shrub 10, 12 ft
green fruit

4208 Sygodium 6-20 ft

4209 Shrub 12 ft
fls terminal

4210 Selaginella in damp
shade

4211 Adiantum

4212 Shrub 10 ft. if aloe tree
30 ft. fruit blackish

4213 Fern on sandy river bank

4214 Straggling tree 30 ft.
lark milky

4215 Palmetum

4216 Shrub 3 ft. milky

4217 Tree fern, spring trunk
10-15 ft

4218 Shrub 12-15 ft
fls red.

4219 Inflorescence Shrub 12 ft
racemose terminal fls red

4220 Upl. cactaceae
on "manaca" Palm

4221 Tree 40-60 ft. willow-like
milky bark, fl. top-shapred bright red

4222 Shrub 10-12 ft
grupa? buds elongated

4223 Pteris, fern 3-4 ft

4224 Composite 2-3 ft
yellow, sessile

4225 Brown leaf, fleshy yellow
fruit, scarcely longitudinal lines

4226 Shrub-like 10 ft
fls white in a very distinct

4227 Spiny Palm, only fruit
seen, thousands of plants seen

4228 Under Shrub 1-2 ft
Euphorbia, capsules

4229 Small tree 15 ft fls
white

4230 Sag. vine 10 ft
fls. purplish red

4231 Comp - Shrub-like
5 ft - yellow

4232 Tree 30-40 ft
fruit red

4233 Urelastomeran 10 ft
fls white

4234 Tree 25 ft
fruit magnolia-like

4235 Shrub-like
fls purplish

- 4236 Small tree
fl in terminal spike
- 4237 Orchid, on ground
white
- 4238 Spreading tree 30 ft
nervature milky, fls white
- 4239 Gesneraceae creeping
in "manasa" deep calyx red corolla
Red
- 4240 Tree 20 ft x 1 ft, by the
pinnacle of "Ducasse"

low. S. serpentine hills
near the bay, almost
bare rock, dense patches of
stumbling, alternately with bare
spots.

- 4241 Shrub 2-4 ft
yellow
- 4242 Shrub 4-6 ft
small pink fls
- 4243 Shrub 1-8 ft
large cream pink,
- 4244 Shrub 6 ft
terminal fls
- 4245 Euphorbiaceae Shrub
4-5 ft, bracts broad scarlet

- 4246 Shrub, spreading
4 ft
- 4247 Close shrub 3 ft
greenish
- 4248 Cereus
- 4249 Tree 4-6 ft
fls purplish-red
- 4250 Tree broad top, 15 ft
small pink, Jasminum?
- 4251 Shrub, branches very
spreading, brs fleshy, fls white
- 4252 Shrub 4-6 ft,
spike terminal red
- 4253 ~~Tree~~ "Olea" shrub 20
ft by salt water fls white fragrant
- 4254 Pines tree 40 ft
close to the water of river
- 4255 Shrub 2 ft
in clumps fls white
- 4256 Palm 6-15 ft
very common near the
river mangroves mouth
of river
- 4257 Holly like camp 3 ft
fls yellow

- 4258 Shrub like ~~to~~ 6 ft
fleshy leaf. plain white
- 4259 Open ground 6 ft
red bud
- 4260 Grass shrub
8 ft. fls. axillary, yellow
- 4261 Shrub 5 ft. comp.
thick woody leaf
- 4262 *Exostema* 10 ft
fls. purplish fragrant
- 4263 Comp - 6 ft
yellow
- 4264 Orchid
- 4265 *Adiantum* } alluvial
disseminate } valley
- 4266 *Adiantum*
Serpentum hills
- 4267 Fern
dry open places
- 4268 Shrub 4-6 ft
Ruellia?
- 4269 *Jacquinia* 5 ft
fls. greenish, unexpanded
- 4270 Shrub or tree spreading tree
15 ft no fls
- 4271 *Urdestrum* shrub
4 ft, stiff small leaves
- 4272 Shrub 5 ft.
fls long slender
- 4273 *Sclerocarpus* pedicel
fruit pink in alluvial valley
- 4274 Shrub 1-2 ft
fls clustered, dark pink
- 4275 *Pilea*, shrubby, leaves
- 4276 Shrub, fls axillary
- 4277 Shrub 6 ft
- 4278 Shrub 2 ft
fls white by seaport
- March 11 Sima stem cliff
about 20 ft high east side of
mouth of Barroa Bay
near old fort
- 4279 Creeping shrub, over
rocks, 2-3 ft, white
- 4280 *Plummaria*, 6-8 ft
large white fls, broad leaf
- 4281 *Adiantum* near the
sea water on side of cliff

4282 Herb 1-1 1/2 ft. fls red
acanthus?

4283 *Pitcairnia*, leaf whitish
barath, sea cliffs

4284 Plants brought in to me by
Mr. "south of Barrova"

4284 Shrub 1/2-2 ft.
fls red. "in River bank"

4285 Shrub 6 ft., terminal
buds with large pink bracts *Punta*

4286 orchid, terminal
18 in fls white, *Punta*

4287 *Caribbea*? "mana negro"
vine many feet *Rich*

4288 *Urastoma* shrub
fls light red *Rich*

4289 orchid, long "tube"
white lip, perianth purple (or)

March 14 Barrova to
Rio Guaba. limestone with
white flint, River bank
sand & gravel

4290 Vine, many feet
fls pink *Tacoma*? - *Rich*

4291 Shrub 4-6 ft. *Urastoma*
fls small white

4292 Herb, wet roadside
fls pink fruit pink

4293 *Urastoma*, taste like
fls black fls white

4294 *Sida* vine, whitish
6-10 ft.

4295 Shrub 6 ft.
fls white

4296 *Mikania*, many feet
white ground fls

4297 *Piper* 5 ft.
in the herbs

4298 Fern 3-5 in,
in rock

4299 *Sida* vine 6-8 ft.
fls yellow roadside

4300 Woody vine, many
feet, fls light red, *acid* *white*
seed black

4301 *Trilobis* herb 4-5 ft.
axillary fls whitish

4302 Small comp, scape 1/2-1 in
fls white

4302 *Hydrocotyle*? creeping
around in shade,

- along river
- 4304 *Asclepias* *vervix*
in grass, fls white
- 4305 *Polygala* 3-6 in
fls purple root aromatic
- 4306 *Polygonum* pink
large fls. in wet ground
- 4307 *Vim trilobed* 4-6 ft
in sand bar
- 4308 *Polygonum* white
small fls. in sand
- 4309 *Zingiberaceae*? 8 ft
fls yellow, pink in sand bar
- 4310 Herb 1-2 ft white
in cracks
- 4311 Paper 8 ft
- 4312 Herb 5 ft, comp
white
- 4313 Herb 6 ft "rare"
comp ~~introduced~~ introduced
- 4314 *Milactinaeae* *imp*
12 ft fls small ^{apex red} bright green
- 4315 aquatic floating in
pond shrubby, hairy
- 4316 *Eleocharis* 9-15 in
fls white cracks & wet
wet mud

- 4317 Comp, herb scape 6-12 in
white small
- 4318 *Eleocharis* ditch
18-24 in leaves elongated
- 4319 Shrub 6 ft.
fls. orange-red
- 4320 *Chorizanthe*
by Riv "use," Herb like
double pink fls
- March 15, Barro Colorado
Florida along trail across
lower stream culms through way
small plantations to Sspartium
Pain hills
- 4321 *Barbarea*? on cliff
vaseid, fls bluish purple
- 4322 *Vim* semi woody, 6 ft
yellow, 0/1 in sand
- 4323 *Rhus*? 6 ft,
fruit orange, fruit black
- 4324 Shrub 6-8 ft,
fl red to black
- 4325 Comp, 6-10 ft 5 mm
white trailing
- 4326 Herb, rare fern

- 4327 Vine 2-3 ft
small white fls
- 4328 Scarpus? 1 ft
in tufts on serpentine rock
- 4329 Shrub 2-3 ft Malpighia
fls pink
- 4330 Small tree 20 ft
fls white
- 4331 Shrub 3 ft, yellow cat-
kins Myrica?
- 4332 Shrub 8-10 ft ~~fragrant~~
white cream colored
- 4333 Shrub 6-8 ft, trifoliate
white fragrant

March 17. Sauss Valley of
Rio Muir

- 4334 Bidens roadside
yellow
- 4335 Ioborbergia?
fls. Blue
- 4336 Shrub 10 ft
Malvaceae light yellow
- 4337 Selaginella, covering
large areas under cool water
- 4338 Ximbia. Bushy, topped
tree 25 ft, yellowish white

- 4339 Woody vine 40-50 ft
fls white cream
- 4340 Shrub 12-15 ft.
fl dark red & black
- 4341 woody vine 30 ft
fls white
- 4342 Tree 50 ft Legume
pods very brittle
- 4343 Shrub 5-10 ft.
fls yellowish, axillary
- 4344 Big globose shrub or vine
leaves 10-15 ft, pods axillary
- 4345 Small tree 20 ft
Arnona
- 4346 Elodea in mud
4 ft.
- 4347 Sagittaria 5 ft
white in mud
- 4348 Apocynaceae shrub 6-10 ft
fls white fl red inside of pod
- 4349 Tree 25 ft
fruit large.
- 4350 Bushy herb 3 ft
white bracts
- 4351 - Water Lily
white - floating in river
- 4352 Crinum? often in
water ble white (not seen)

March 30, 10 Navis
near River

- 4353 *Sobolia* 3 ft
fls purplish
- 4354 *Jatropha*? 2 ft
scarlet
- 4355 *Malastomacium*
Shrub 6-8 ft large leaf
- 4356 *Scleria*? 3 ft
with plants in clumps
- 4357 *Lipidium* white
along trail
- 4358 *Psidium* yellow
base of tree
- 4359 *Orchid*, Iris-like
- 4360 Small tree 15 ft,
th axillary

March 21

along Rio Navis in
Sour valley, mostly serpen-
tine wet soil tall trees
much buttressed and frequently
subtended by epiphytes

4361 *Aemotrichum*, fern
8 ft, in mud

4362 *Vittaria* on tree
trunk

4363 *Malastomacium* tree
15-20 ft fl. in flat white

4364 *Piper* large leaf
shrub 8 ft

4365 *Cyperacean* 3-4 m
in wet sandy ground

4366 Fern 3-4 ft

4367 *Peperomia* magenta
?

4368 Fern

4369 *Crotophaga* to ground
fl. red

4370 Thin fern 2-3 ft

4371 *Cyperacean*
white lvs.

4372 *Polypodium* small
erect

4373 *Selaginella*
close creeping on Royal Palm

- 4374 Piper 4-5 ft
leaf small
- July 22 Upper Valley
of Rio Navas
- 4375 Asplenium senanum
3 ft
- 4376 Shrub 10 ft
in fruit
- 4377 Piper 3-6 ft
- 4378 Tree 20 ft. corolla white
pedicel yellow pub black ped, red
- 4379 Tree fern, stipe with
spiny 23 ft, fruit 10-12 ft
- 4380 Margaravida? vine
many parts, 8 1/2 in
- 4381 Crisp limb, yellow
brown radicle
- 4382 Malach, Tree 20 ft
= fruit of 4363
- 4383 Shrub 8 ft, crum?
pls white
- 4384 Straggling Shrub 10 ft
white

- 4385 Polypodium crispum
- 4386 Straggling shrub 10 ft
pls white
- 4387 Euterpe? "Big Sealion"
vine soft 4 x 3/4 in
- 4388 Symplocium
on "manaca" Palm
- 4389 Asplenium on tree
- 4390 Begonia rock cliff
near water
- 4391 Piper 4-5 ft
- 4392 Symplocium
- 4393 Shrub 2 ft
fl light red
- 4394 Shrub on rocks
fruit
- 4395 Miconia macran tree
15 ft fls rose colored
- 4396 Shrubly epiphyte
- 4397 Polypodium large
crisp

- 4398 Pendant fern
 4399 Shrub 4 ft
 4400 Fern, ^{fls white} fern on tree fern
 4401 Comp ^{white}
 on wet rocks sea 1/4 2-3 in.
 4402 Shrub 10 ft.
 fls white & yellow
 4403 Shrub 10 ft.
 pink green
 4404 Shrub 6-8 ft.
 fls white
 4405 Malastomacrum 8 ft
 fl purple fls white
 4406 Fern 25-30 ft.
 fl dry
 4407 Malastomacrum ^{membr?}
 6-10 ft, fls small white
 4408 Salvia in Chamae
 fl red 1/2 - 2 ft
 4409 Polypodium
 narrow
 4410 Sag Vum 10 ft
 fls dark yellow
 4411 Passiflora, woody vine
 fls blue white

- 4412 Shrub 3 ft, Pedunculatus
 fls pink
 4413 Shrub 10 ft
 fls pinkish
 Inlet 23 Navas to Camp
 Barua Vista (2000 ft)
 across narrow river and stream
 to the eastward to top of Cuchillas
 through much moist forest
 on steep slopes, serpentine
 foothills
 4414 Euclea 6-10 ft
 4415 Gramma 6 ft,
 large light brown frond
 4416 Shrub 10 ft
 fls yellow
 4417 Shrub 8 ft,
 fls small green
 4418 Vum 6-8 ft
 fls green
 4419 Sapotaceae shrub 10-12 ft
 milky fls purple
 4420 orchid Red tree trunk
 "San Juan"

4421 *Melastomaceae* 10 ft
large red fls

4422 Shrub 4 ft
fls bright red.

4423 *Urophysalis*
4-6 ft

4424 Fern

4425 multi-pinnate fern

4426 Shrub 4 ft
pinkish

4427 Orchid terrestrial
greenish

4428 Creeper on rocks
3 in

4429 *Piperomia* 6 in to 18 in

4429 Fern

4431 *Asplenium*

4432 *Adiantum*
yellowish green

4433 Fern 6-8 in
on marginal

4434 *Saurau* fern,
praevalens

4435 Shrub
on ground

4436 Orchid
on tree

4437 Shrub 6-8 ft
white

4438 Creeper fern - up a tree

4439 Shrub 8-10 ft,
fls orange white

4440 *Asplenium*

4441 Fern, on ground

4442 *Zingiberaceae*
dwarf shrub

4443 *Cycopodium*

4444 Shrub 10 ft
fls partly green

4445 *Piperomia*

4446 Creeper 3 ft
fls purplish

- 4447 Shrub 8-10 ft
fls white, fruit greenish
- 4449 Malpighia 6 ft
X small leaf.
- 4448 Cortia semi shrubby 4 ft
bracts, leaf elongated
- 4449 Shrub 4-5 ft
fls white, fruit yellowish
- 4451 Herb? 2 ft
greenish
- 4452 Herb? shrub 10 ft
axillary fls greenish
- 4453 Pteris 6 ft
fls white
- 4454 Fern
- 4455 Malpighia 10 ft
rusty infl, no fls
- 4456 Fern tree-like
fronds 6-8 ft
- 4457 Aemulium? hairy
on base
- 4458 Creeper from bipinnate
15-20 ft on palm.
- 4459 Fern acrostichum?

- 4460 Creeper on tree trunk
10-15 ft.
- 4461 Small much forked fern on
damp ground
- 4462 Papposomia
- 4463 Papposomia large umbell
?
- 4463 a Fern "jointed"
?
- 4464 Mistletoe fruit white
on 4465
- 4465 Anacardium 18 ft
leaf striation purple fl purple
- 4466 Passiflora
small pink
- 4467 Orchid on tree
leaf narrow
- 4468 Bromellid
- 4469 Palm "Palma Bolo"
15-20 ft tree 5-10 ft fl purple thick
- 4470 Elephantopus
driving at camp

- addendum
- 4471 Psychotria, shrub 3 1/2 ft. fl. red
Annyodol India, Sumatra, Feb 20
- 4472 Shrub 10 ft. inflo. greenish
Sey. Pass, Mal. Sum. Bantam & Su Bay
- 4473 Erythronium Yamaguchi, Camp. Java
Feb 26 1910
- 4474 Shrub 10 ft. fl. white
- 4475 Glomandra shrub
Bamboo to 9 ft. India, Feb 19 1910
- 4476 From Bantam & Res. Java
- 4477 Cyperus, Annyodol India, Sumatra
Jan 6 1910
- 4478 Ischaemum, Sey. Pass, Mal. Sum. Bantam
- 4479 Ischaemum addendum Java
- 4480 Moss from Java Feb 22-26, 1910
- 4481 Poaceae, var. Bantam Java
- 4482 " " " " "
- 4483 " in log " " "
- 4484 Moss " " "
- 4485 Sargassum " Bantam Bay " "
- 4486 Red fungus on log var Bantam
- 4487 Fungus " " " "
- 4488 " " " " " "
- 4489 Polyporus " " " "
- 4490 Moss woodpile Jan 1910
- 4491 " " on tree fern

- Missing Page numbers
- ~~7716 Cyperaceae~~
- ~~7805 Cyperus~~
- ~~7809 "~~
- ~~7873 Funaria inclid~~
- 7933 Cruca (not checked)
- 7939 Cruca nudiflora
not checked
- ~~8003 Funaria inclid~~
- ~~8010 Funaria inclid~~
- 8049 Fern (Linn. leaves)
- ~~8052 Grasses~~
- ~~8080 Cyperaceae~~
- ~~8086 Grasses~~
- 8138 Cyperaceae
- ~~8150 "~~
- in vol. 136

2.

~~8218 Cypripedium~~

8229 *Mistletoe*

~~8246 Cypripedium~~

~~8257 Cypripedium~~

~~8269 "~~

~~8370 "~~

~~8395 "~~

~~8396 "~~

~~8418 "~~

~~8426 "~~

~~8428 "~~

~~8440 "~~

~~8455 "~~

8490 Shrub not checked

8548 *Orchid*

in Vol. 136

3.

~~8570 *Eleocharis*~~

~~8593 *Mistletoe* not checked.~~

~~8625 *Grass*~~

8634 *Tree*

8846 *Shrub* not checked

~~8852 *Cypripedium*~~

~~8888 *Silvery fern*~~

8924 *Opuntia* (not checked)

~~8968 *Cypripedium*~~

~~9024 "~~

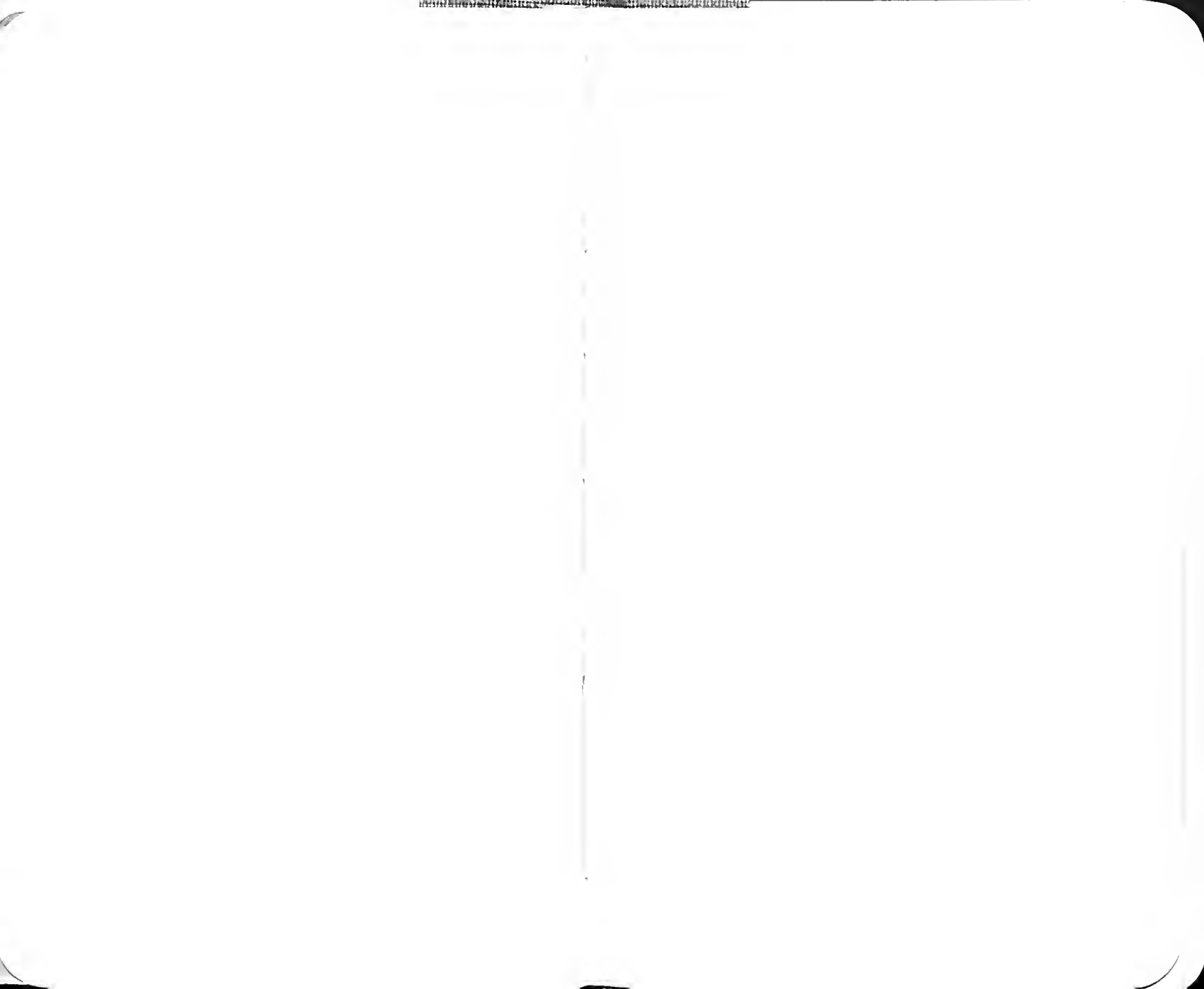
~~9051 "~~

~~9057 "~~

~~9068 "~~

9069 "

in vol 136



Conservation work performed
1987-1988. NY State
Conservation/Preservation
Discretionary Grant.

