



19000

19215-
20236

19215-
20-236

General

MARCA REGISTR.

80

COLEGIO

CUADERNO DE _____

PERTENECE A _____



19215 - 20236

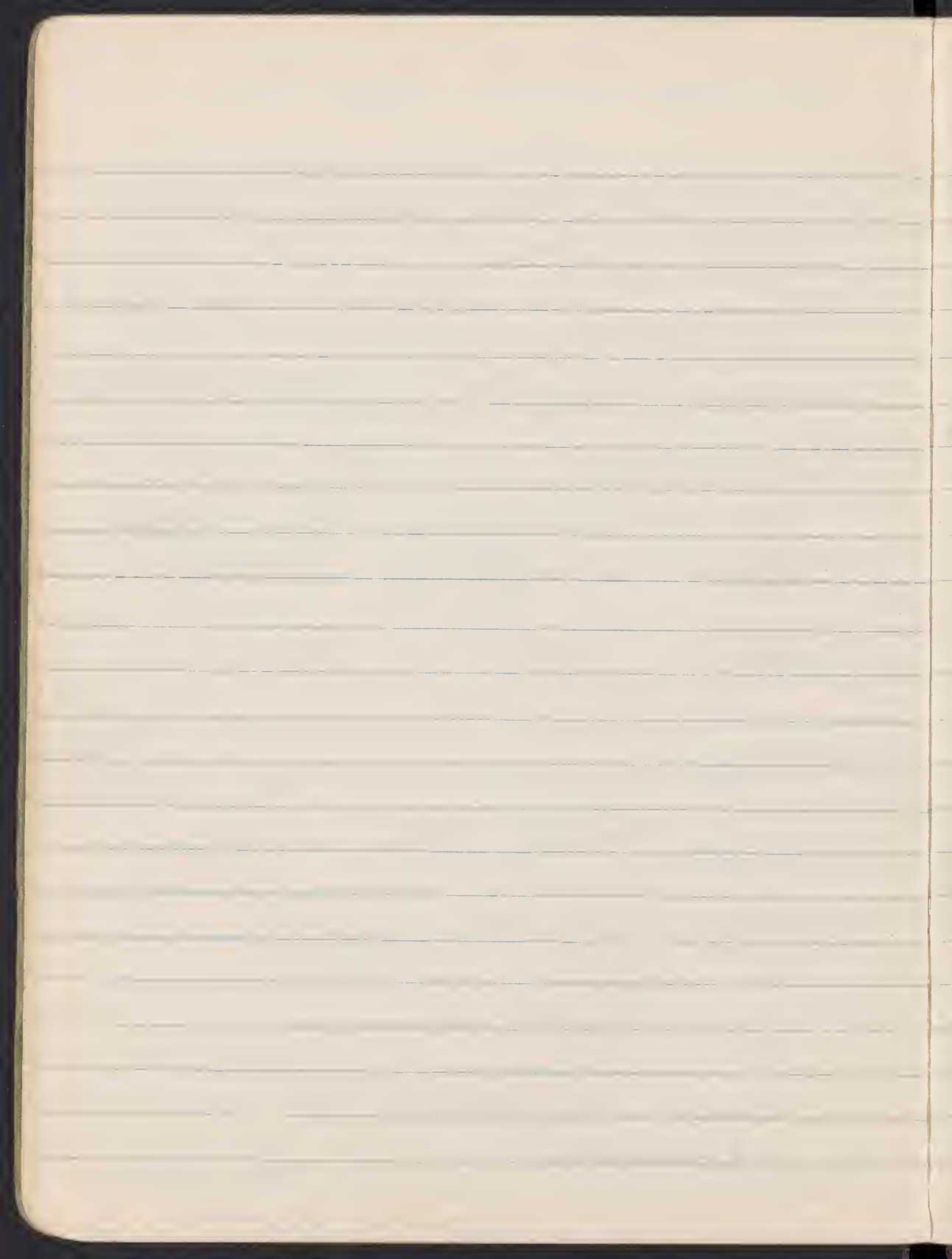
Kurupato Hemerophylla wa'-me-to'

H. Benth. yay'-ga
→ (ate)

Río Kuluja, Caramacá

May 5, 1953.

- 19215 Ep. on rocks in clumps. Rutrum. Sp. the leaf!
red inside, green outside.
- 216 Carana. Pinn. = 100' - 200'. Fr. glabrous brown. Equal tree. Trunk
6 ft tall. Petiole 8 ft. long. Infl. 6 ft.
- 217 Melastom. Fl. purple, Stamens purple. Petiole glabrous. Small
scraggly shrub.
- 218 Ep. ground. Lvs purpleish pink at base. Bearded.
- 219 Polyp. Fl. violet. HB. (1)
- 220 Rapateaceae. Fl. yellow.
- 221 Xyris.
- 222 Xyris. Fl. large, yellow.
- 223 Xyris. Fl. yellow. Stems barely black.
- 224 Dioscorea Fl. white. Lvs used.
- 225 Lepid. Sm. tree lvs glabrous. (2)
- B. coriaceum**
- 226 Bombax coriaceum. Shrub 3 ft. Cotton light brown.
Fl. pinkish, glabrous.



17227 "Klotenite". Tree 12 ft. Lvs white. Fl. white

228 Shrub, Herbic. Fl. white

229 *Leitochia* *colombiana*. Tree 2-3 ft. Fl. red,
purple-red at first. Stems reddish

230 *Cunila* *canadensis*. Tree spreading bush, 3 ft. Fl. green-yellow

231 *Schomburgkia*. Fl. yellowish. Tree. 10 ft.

232 Terr. orchid on rocks. *Spheeranthus*. Fl. green & brown,
lip white. Br. brownish.

233 *Clusia*. Tree 20 ft. C. very large. Fl. red.

234 *Vainia*. Fl. pink. *Calix* white. Apocyn.

235 *Cuphea* *flavilata* (1)

236 Bush. *Calliandra*? Fl. red.

237 *Lauraceae*. Fl. aromatic, yellowish. Bush
1 ft.

238 Terr. orchid Fl. rich purple

Spissia reptans

Carubobica = Desano moo'-a]-sa-nee
sul.

- 19237 Tall *C. ...* (2)
19240 *Lobelia?* Fl. purple-blue. Hb. (1)
19241 Trailing *St. ...* Fl. purple
19242 Hb. Fl. white
19243 *...*
19244 *...* from 19241. Fl.
white *...* on calyx.
19245 *...* Fl. white

Uranica (Mitú) Vaupés May 7, 1953.

Done
↓

- 19246 *Carex* in granite - sand
19247 *...* Fl. red. Lvs. purple. *...*
... *...*

Mitú, Vaupés May 9, 1953.

- 19248 Small tree. Melastom. Fl. white
19249 *...*
19250 Melastom. Fl. pinkish
19251 Herb. Fl. pink.
19252 Fl. white.
19253 Solanaceae. Bush. Fl. purple.
19254 Floating in stagnant water. Umbelliferae?
19255 Bush. Melastom.
19256 *...* Bush. Fl. red.
19257 *Juncus*? in stagnant water. *Eleocharis*
19258 " " " " " "

$$\begin{array}{r} 728 \\ 262 \\ \hline 162 \\ 8 \\ \hline \del{1296} \end{array}$$

↓ 19259 *Stach. Aleatica.*

Ri. Vaupe, All. Tati. M, 12, 1953.

19260 *Maranthac.* Fl. white, purple spotted. Bark
pale pink, base pale beneath, sometimes reddish.

19261 *Xyris.* Fl. yellow. Aug. 1st mark.

19262 *Scilla.* Fl. white.

19263 *Xyphium.* Fl. white.

19264 *Utricularia.* Fl. yellow. Greenish yellow base.

19265 *Scilla.*

Ri. Vaupe, All. Tati. M, 12, 1953.

19266 *Scilla.*

19267 *Scilla.*

19268 *Scilla.*

19269 *Scilla.*

19270 *Scilla.*

19271 *Scilla.*

19272 *Scilla.*

19273 *Scilla.*

19274 *Scilla.*

19275 *Scilla.*

19276 *Scilla.*

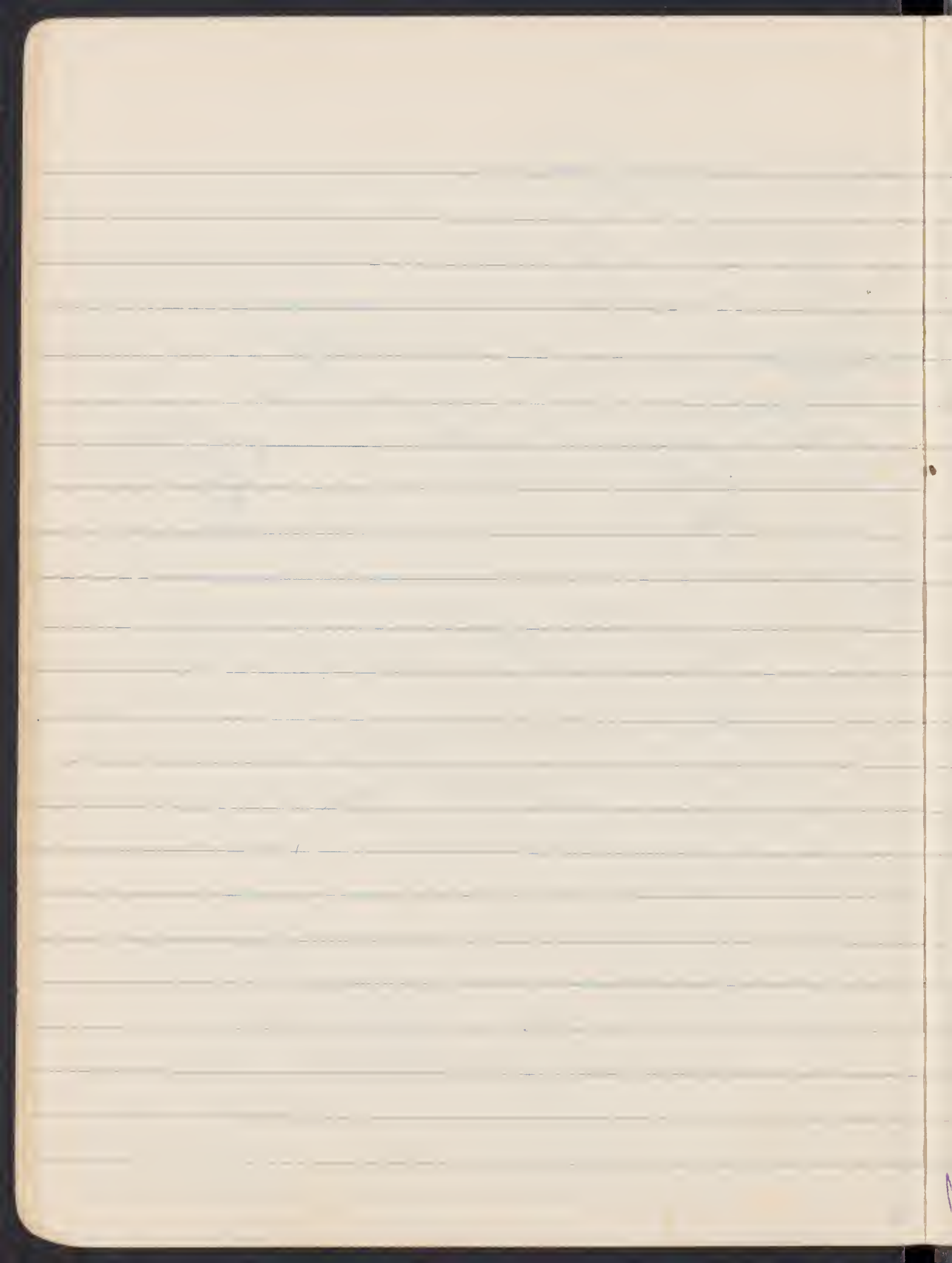
19277 *Scilla.*

19278 *Scilla.*

19279 *Scilla.*

19280 *Scilla.*

19281 *Scilla.*



Thebroma ...

Tuk = a-pö'-ka-na
Desano wa lo-ka-na
Guaraní söw'-yay

1927

[Faint handwritten notes, possibly bleed-through from the reverse side of the page]

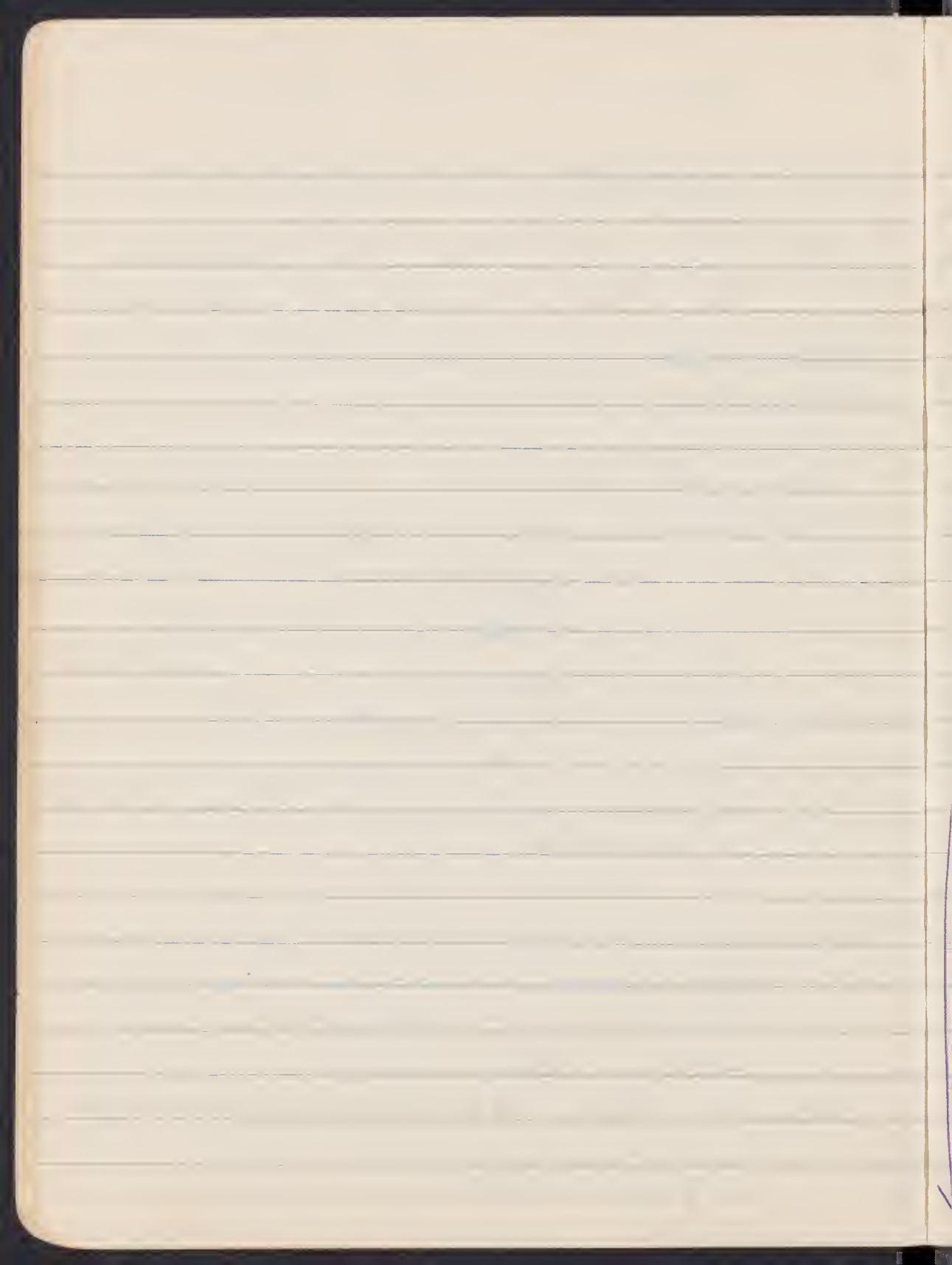
Tapiaca. Igacopé Mucetanga. Vample May 16, 1953.

19281 Aroid. Desano = ... -se-ree Tukano same.

Spathe white inside, green outside, Spadix green. Stem mottled green & brown.

19282 Maranthaceae. Ht. 9-10 ft. Fl. yellow. Stems used for making trays. Desano =
Leaf pale green beneath.





- 19283 Heliconia. Ht. 3 ft. In water. Fl. & bracts orange.
- 19284 Herrania nitida. Guanano = so-pee'-ja-ke (2)
Desano = o-yaw'-pee-ka-ye
- 19285 Tillandsia. On rock. Bracts + flowers only pink.
- 19286 Bush. Leguminosae. Fl. white.
- 19287 Bush. Leguminosae. Fl. white, fragrant. (2)
- 19288 Geonomeae. Climbing epiphyte. Fl. yellow. Br. red.
- 19289 Cornostylis. Climber. Fl. yellowish. (3)
- 19290 Sm. tree. Fl. white. Latex white. Apoecy. (2)
- 19291 Ep. orchid. Dichace? Fl. white, lvs. purplish. (1)
- 19292 Rubraceae. Sm. tree. Fl. deep pink. (4) Tauanos
take descent of tree
every few hrs. fibrous
- 19293 Med. tree. Talpacae? (1)
- 19294 Large bush. Melastom. Fr. green. (2)
- 19295 Clusia. Climber. Fr. red. (1)
- 19296 Pleurothallis. Augment rock. Fl. pale yellow with
red-purple stripes, sepals translucent. In water.
- 19297 Clusia. Climber. Fr. red.
- 19298 Epidendrum. Ep. Fl. white (1)
- 19299 Maxillaria? Ep. Fl. maroon. (1)
- 19300 Begonia. Vine. Fl. lemon-yellow. (2)
- 19301 Micrandra Rossiana. Tree unbuttressed, 15 m diam.
Ht. 65 ft. Guanano = ma-ka'-wa-po'-ko'
- 19302 Hanea nitida. Tree 35 ft. Diam. Fr. white. Latex white.
Leaf. reclinate.

1936 Red. power plant power for "Victrola" with misadventure.

1937 Stump reduced to ash used as powder to dig up weeping birches

(Boo-roo-gö') = Desano
(Boo-too'-ki) = Guaraní

On mountain

19303 Delonixia

19304 Terr. orchid. Fl. deep purple, lip with basal white area.

Ht. 4-6 ft.

19305 Climbing ~~Desano~~. Fl. vermilion - orange. Desano =

Desano see-nan-da' Markea coccinea Description of leaf for confusio

19306 Maranthaceae. Fl. white with red centre. Leaves red-striped beneath. Bracts green. Des. = wö-tö-ka'-to

19307 Terr. aroid. Spathe light green with red stripes. Spadix dark purple.

19308 Spentidium. On rocks. Fl. purple.

19309 Tillandsia. Bracts yellow. Common on granite of top of mountain.

19310 Commelinaceae. In shade of Clusia thickets on mt. top. Fl. purplish blue.

19311 Clusia Rubus white - Fr. reddish. Commonest bush on top of mt. Desano = dö-ka-mé'. Petals pink. Latex near by colourless. Latex rubbed on sprains.

19312 Clusia. Bush. On top of mt.

19313 Composite. Bush. Fl. white. Top of mt.

19314 Low bush. Moss sp. Fl. yellow. Common on top mt.

19315 Clusia. Fr. yellow. Fl. white. Common on top mt.

19316 Bush. Rubus ceae. Fl. yellowish. Ht. 4 ft. Floral axis

19317 Carludovica. Very common in clumps on mt. - side. orange-red.
1ub = sa-ta'-roo-da

19320 Tubaro - powdered
limestone / fat oil

19327 *Armonia*
beneficium

193170. Monopteryx Uacur = Tuk = se-mē'
 Des = (same)
 Guan = see-mee'

19318 Low bush. Fl. yellow. Macphig.
 Around base of mt.

19319 Selaginella on shaded rocks.

19320 Sm tree. Ht. 25 ft. Fr. dark green. Annonac.
 leaves used as repellent.
 Tuk, Des = pwee'-ka-no Guanano po-ō'-ka'-no

19321 Fern. (2)

19322 Fern. (1) Tuk = ta-ta'-twa-poo-nee

✓ 19323 Spathiphyllum. Spathe inside white, outside green.
 Inflorescence rubbed on for headache

19324 Tree climber. Diam. 18 in. Ht. 75 ft. Desano boo-roo-
 gō' Guan. = boo-too'-ke

19325 Climbing aroid Spathe absent. Spathe greenish white.

19326 Miconia Spruceana. Fl. yellowish

19327 Sm tree. Annon. Fr. yellow. Bark for rheumatism
 etama mee

19328 Clusia. Ep. Fr. purplish red.

19329 Terr. fern.

19330 Terr. fern.

19331 Sm. bush. 1' clamber. Fr. reddish.

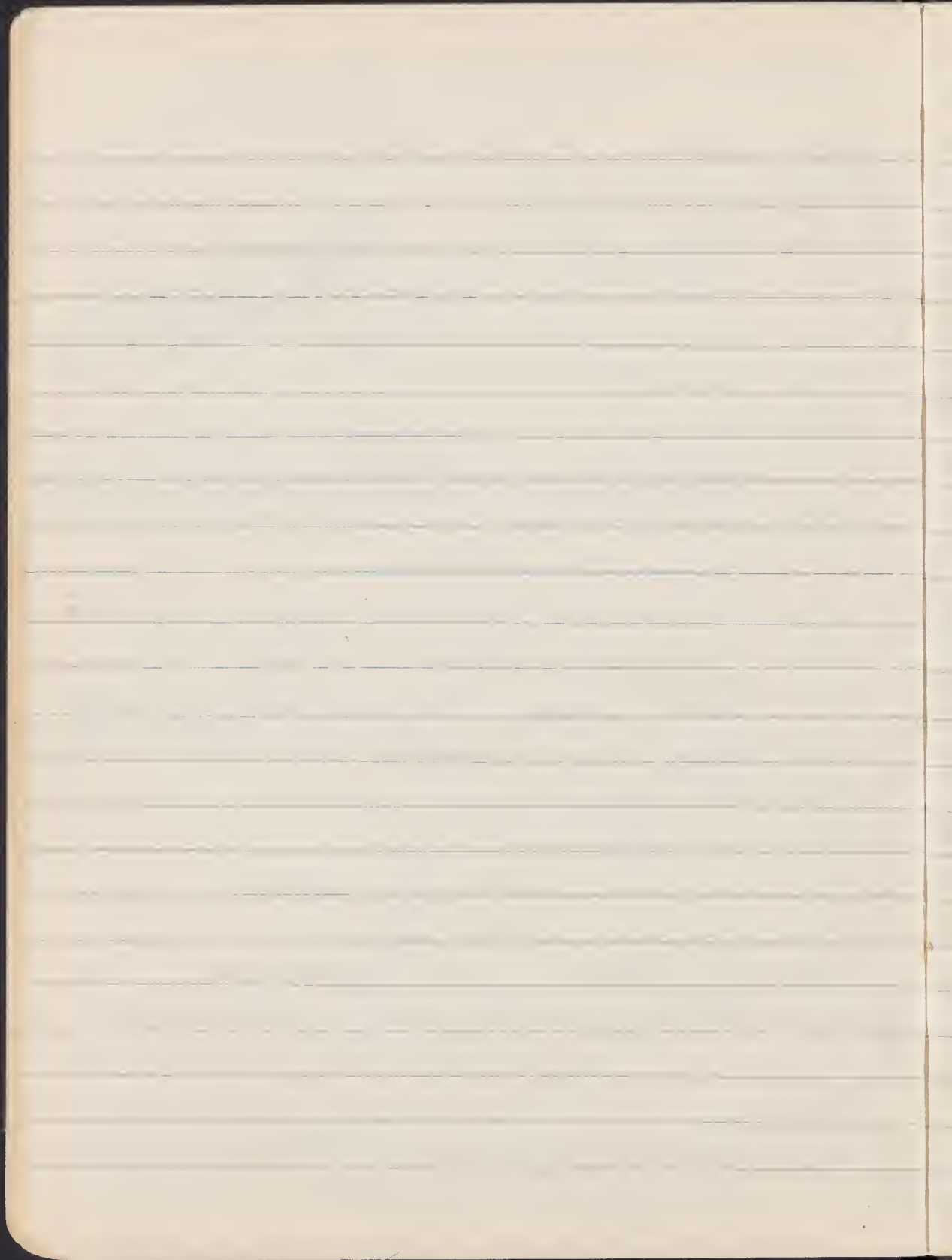
19332 Bryophyte. On rotten log.

19333 Bryophyte. " " " Dark green.

✓ 19334 Bryophyte. On dry parts of granite boulders.

Tapiaia

✓ 19335 Bushy tree. Jaya. Fl. yellow. yellow
 ee-dee-mē-ve' = Tukano
 Desano pag-yo'-ma-ne' Aet.



Kanfona (alto Vaupés) cosa = ee-ha'-tor

19336 Juga. Bark fl. white, Cult, Tank = me'-no'

19337 Magra ^{graniflora} ~~(amazonica)~~ Differs with lack of wings on fruit. Bark poison for dogs, rats, man. Bush up to 12ft tall. Fl. light green. Draw = be'-ra-ma'-o'-he'-ree-gé

19338 Monopteryx Uavari. Enormous tree 100ft+ tall. Draw about huge buttress roots 3 feet. Fruit green. Seeds boiled to remove oil + left mash in water 2 weeks eaten.

See previous page for local names. Uavari has seed pods containing 1-2 seeds, Uavari - Uavari

Month of Kanfona May 20, 1953.

19339 Small tree. Side view, Legume. Fl. white

19340 Spathiphyllum. Green. pee'-ka'-sa'-le'-ree

19341 Aroid. Stem mottled purple + green. Spathe outside dark purple-brown, light green inside. Spathe dark green when ripe. Green. ya'-ka'-be'-toe

19342 Moronebea Dee = ka-mi'-pe'-toe. Tank = pe'-ye'-ree. Fl. salmon-pink. ~~Fl. yellow~~. Col. tree, diameter 28 inches. Latex resinous, yellow, just above high water line. Anthers yellow. Bark shaggy, rich brown. Wood whitish. Latex used to light houses and culler canoes.

19343 Riverside bush.

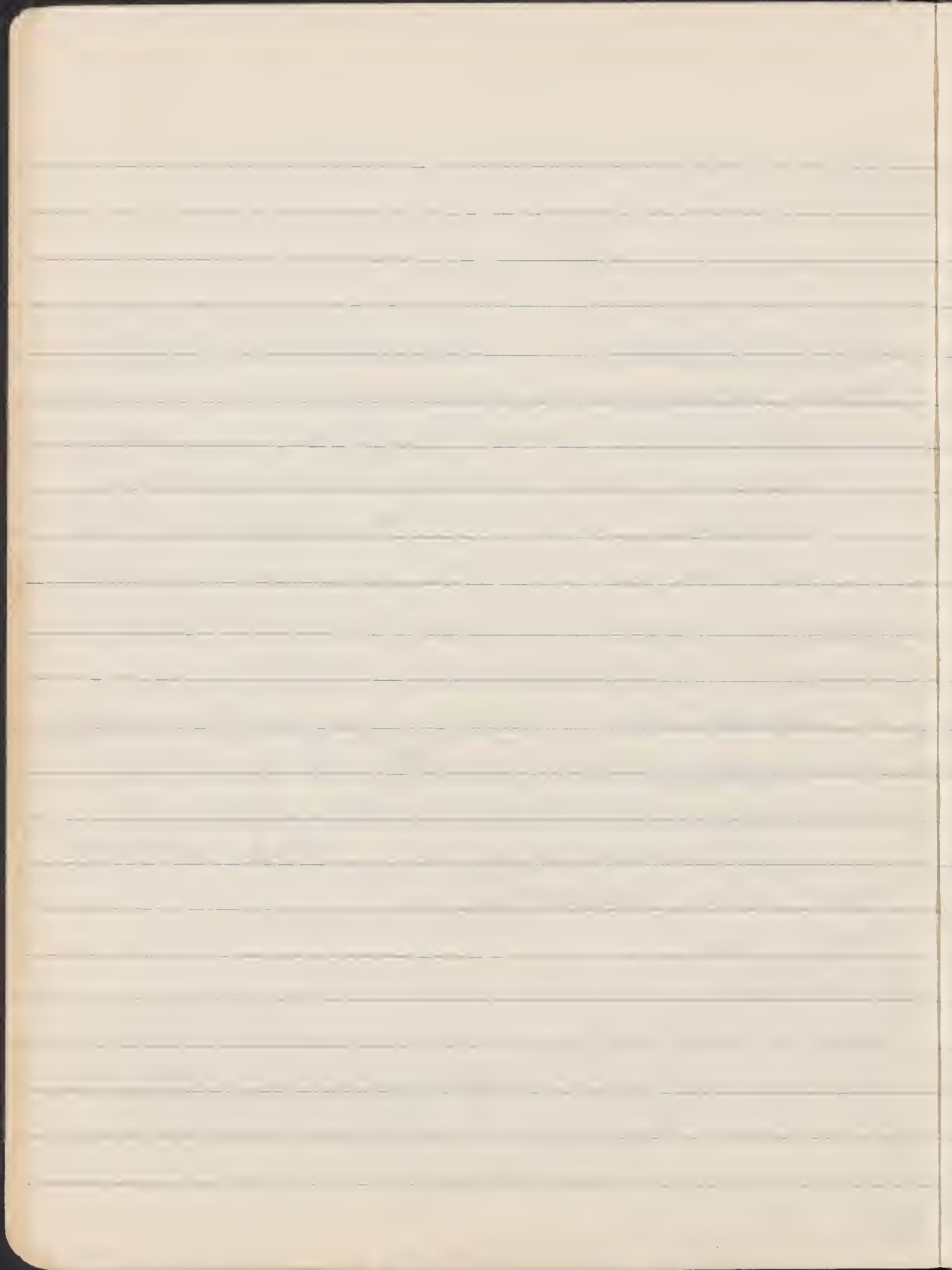
Latex for leafy skin...

15350 Deciduous oak bark tea for persistent coughs & chest ailments
Take hot several times daily.

Raudol de Tapira

May 21, 1953. ^{Guianano, fa-sh-la}

- 19344 Micrandra n. sp. Desano = ma-ha-wa-soo
Fluted tree, diam. 26 inches. Bark yellowish tawny, papery,
peeling easily. Inner bark reddish. No latex. Wood hard,
reddish brown in centre. Ht. 80 ft. Crown large. Leaves folded
at rt. & along midrib, slightly paler beneath, somewhat
crascent, or fleshy. Bark on extreme branches whitish
yellow. In rocky, high land covered with humus along
rapids. Together with M. Spruceana and H. pauciflora
v. coracica. Seeds brown but dark. Capsules with thin
woody wall but thick epiderm; externally green but
slightly reddening before breaking. Vaupea cataracta-
rum
- 19345 Same. (with seedlings) V. cataractarum
- 19346 Same " "
- 19347 Same " "
- 19348 Passiflora. Fr. green. Vine. Des = ya-sa-soo ^{Guianano, fa-sh-la}
- 19349 Loranthaceae. Parasitic. Fr. green. (2)
- 19350 Bush. Psychotria. Fl. yellow green. Asters yellow.
- 19351 Laureaceae Bush. Fl. yellow.
19352. Low tree. Fr. green.



Munitilla = Guan = kwān
Munitia = guan. = wa-in' Dec = da-an'

19353 Micrantha n. sp.

Coolidge at Yuteca.

May 21, 1953.

19354 Bush. Fr. red.

19355 Passiflora, Vine. Fr. yellow. Dec. mee-sū-da.
po-ri

19356 Rapatea, Bracts red. Fl. yellow.

19357 Micrantha Sprucei, Fl. whitish cream. (12)

19358 Bush. Eucac. Fr. red.

19359 Micrantha Sprucei, Fl. cream white. Fr. green,
reddening. (2)

19360 Hevea parvifl. v. coriacea. ^{Dec =} wa-sūn' Stems

19361 Hevea nitida, Stems.

19362 Bush. Fl. maroon.

19363 Bombax humile. Fr. Dec. pwa-poo-nee'

19364 Bacon sp. Leaves spotted brown. Bracts red-
orange. Fl. white.

19365 Bush. Fl. white.

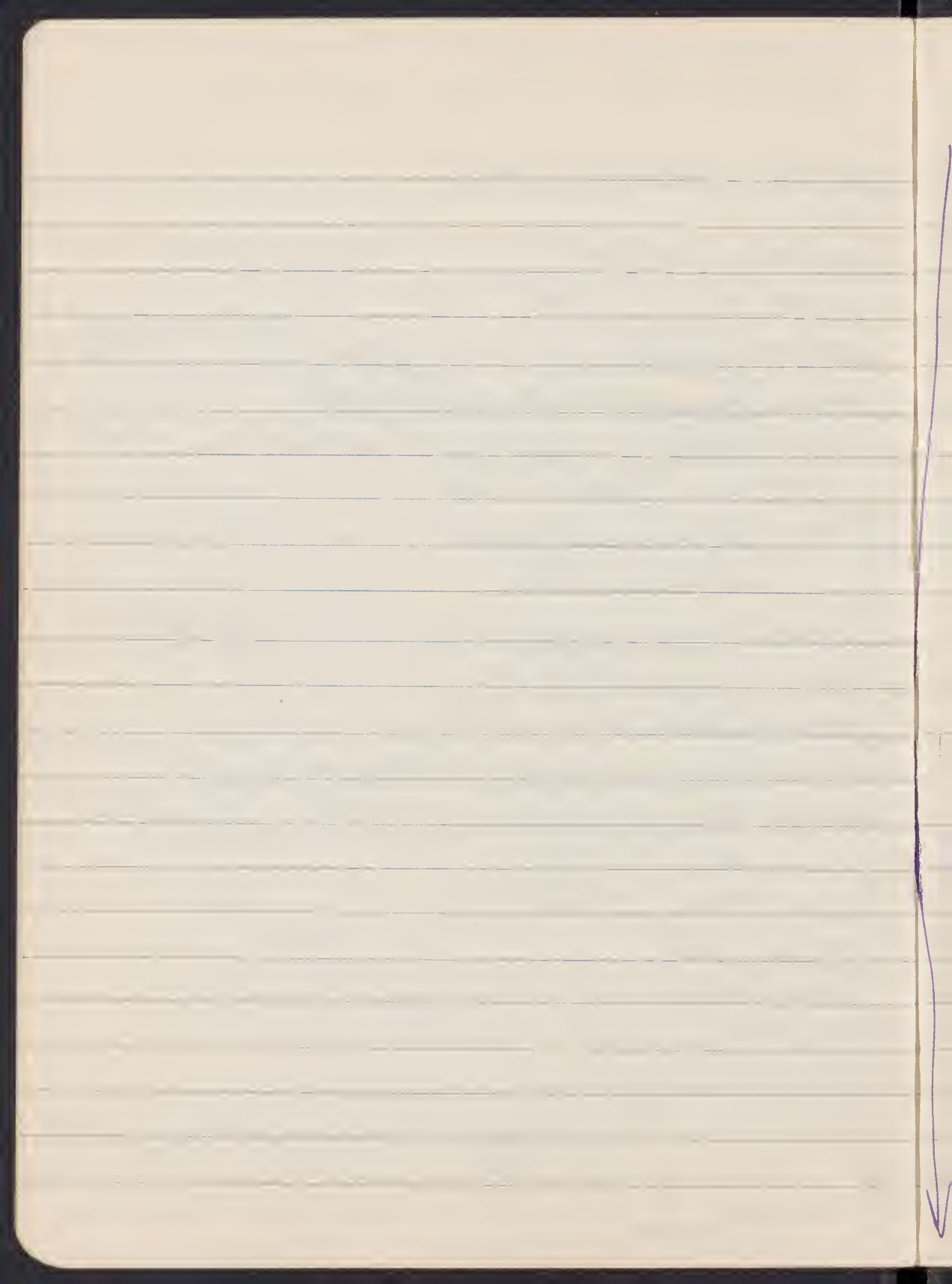
19366 Herb.

19367 Large bush. Apex orange. Dec. wa-kē-jō'

19368 Fern. (3)

19369 Fern. (9)

19370 Large bush. Clusia Fl. white, petals pinkish
centrally. Latex thin, white. Dec = Kee-nē-tō'
Fr. red.



19371 Bush. Fl. yellow. Dec = du - chain' - da

19372 Bromel. On ground. Leaves purple brown.

Axes yellow - green. (1)

19373 Orchid. Fl. purple. Terr. (1)

19374 Bush. Fl. orange. Dec. bee - a' - fos - mee

19375 Clusia. Fr. red. Bush. Latex thick, yellow.

19376 Bush. Rubra. Axes dark purple.

19377. Vari. Apocyn. Fl. yellow. Latex white.

19378. Mahoe. Latex white. Fl. yellow. Fr. pink.

Bush.

19379 Martynia. Bush. Fl. reddish.

19380 Lauraceae. Tree. Fr. green, e. l. red. (1)

19381 Vari. Fl. pink. Lat. white. Apocyn.

19382 Bromel. Sp. Bracts black red. (1) Fl. pale

purple.

19383 Bush. Fr. green.

19384 Orchid. Terr. Fl. white, pl. yellow. (1)

19385 Bush. Fl. white.

19386 Clusia. Fl. white. Bush.

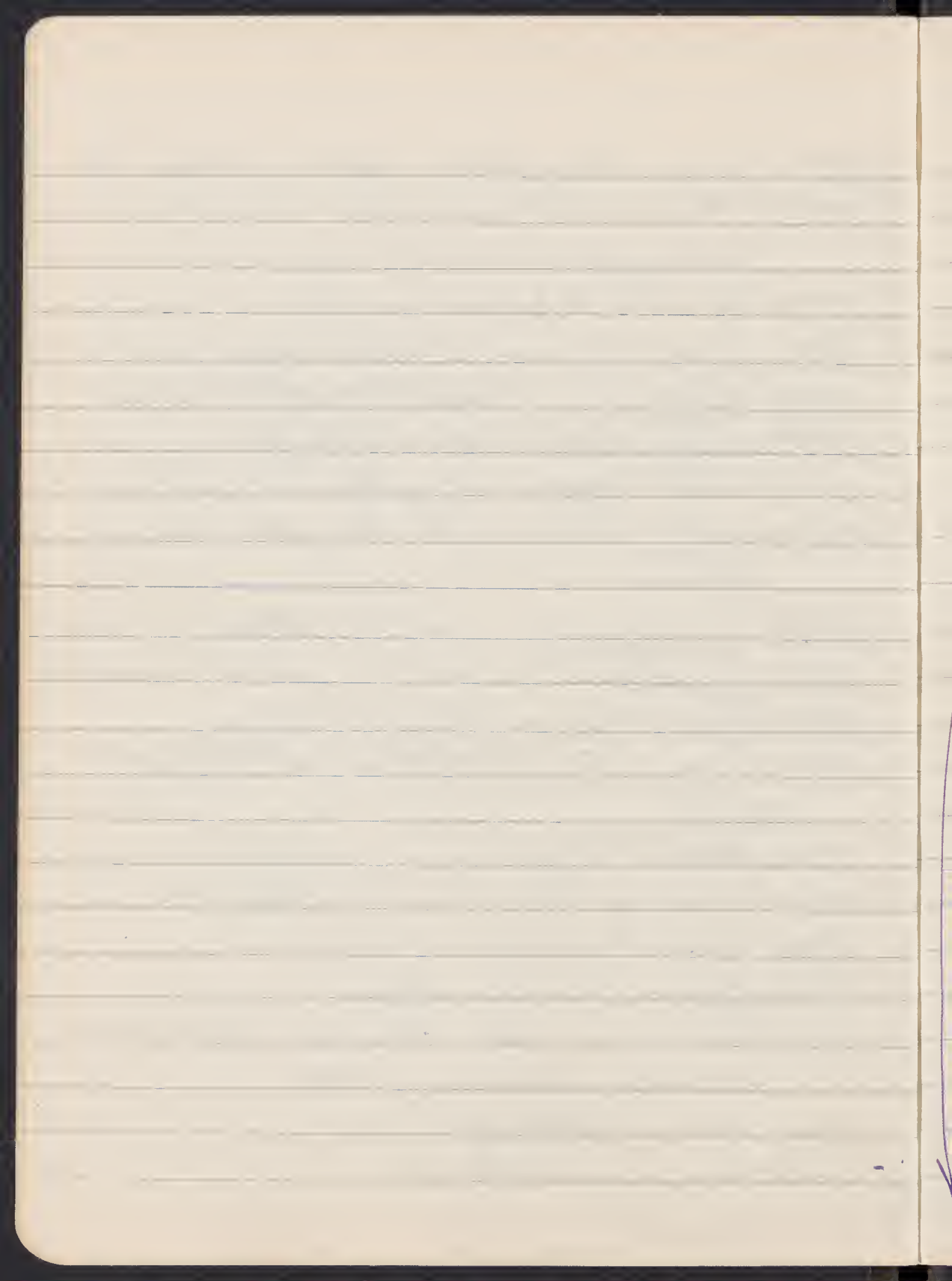
19387 Ten. acid. Sp. l. l. red. Young, outside

red below, white above. (2)

19388 Moss. On trunk

19389 Bryophyte. On trunk

19390 Bryophyte. On trunk



19391 Bryophyllum. Outcrops.

Arara Carhoeria, R. Vaupes.

May 22, 1953.

19392 Clusia. Large bush. Fr. yellow. Lvs cream.

19393 Clusia. Large bush. Fr. red.

19394 Low shrub.

19395 Moronebea. Low tree. Lvs yellow. Fl. salmon or pink

Also fleshy pedicel.

19396 Low bush. Fr. green.

19397 Terr. aroid. Spathe green. Spadix purple.

19398 Low bush. Hirtella? Fr. dark red. ^{BK + 1/5 Tea} ~~spathe~~ "to open throat"

19399 Hevea pauciflora v. coriacea. In sand at edge. Cash.

Sterile.

19400 Large tree at cash. edge on sand under Mauritia. Fr.

brown. Legum.

19401 Small tree. Fr. green.

19402 Sp. with fl. purple.

Java ^{to}, R. Vaupes.

May 23, 1953.

19403 Hevea pauciflora v. coriacea.

19404 Sclerocarya. On grassy site next at Carhoeria

19405 Anacardium occidentale. Low bush. Fl. red.

19406 Hevea rigidifolia. Sterile.

1940 Jwananets - business leaves in res.

19407 Hevea sp. folia Quanan sa -we-tien'
Stems

19408 Morinda Sprucei Quanan sa -so-oo-re'
Fl. nearly white, fruit.

19409 Hevea rigidifolia Stueb

19410 Dryopteris sp. D. = pan'-chen-ki, Treelet 20
ft. tall. Tea for silviculture - br.

19411 Hevea sp. Stueb (collected).

19412 Dryopteris sp. On rotten logs.

19413 Dryopteris sp. H. sp. (1)

19414 Shrub, Rotinifolium discolor.

19415 Rapanea, Quanan sa -ne' (1)

19416 Ca. lundiana, Terr.

19417 Hevea sp. fl. Quanan sa -we-tien'. Tree col. H. 55 ft. D. 18 in. Bk. dark red brown. Leaf dark green. Lat. to very open and loose.

19418 Same, growing next to 19417. Leaf to very open and loose. H. 60 ft. D. 15 in. Leaf quite diff. st. from 19417.

1990-1 Kaghanza, Papua New Guinea

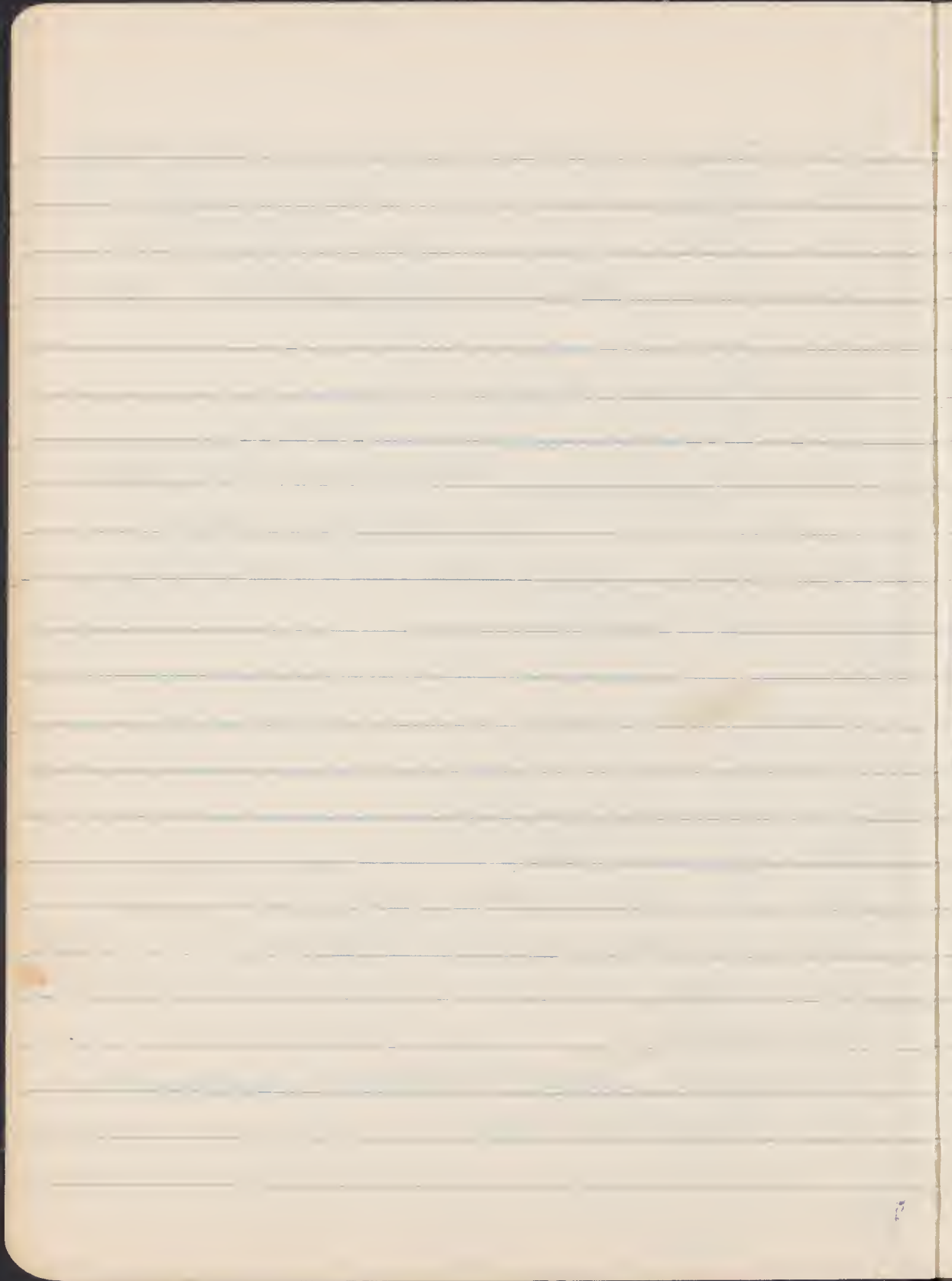
- 19419 Clusia. Fl. white, ...
 19420 Rapatea. ... Basal lvs. reddish. (...)
 19421 Hirtella. ... Bracts reddish
 19422 Selaginella.
 19423 Marsippospermum. Fl. white. (1)
 19424 Rapatea. Fl. yellow. Br. green.
 19425 Retimphyllum. Fl. pale pink.
 19426 Cloungurana. Water thick, white. Tree,
 diam. 9 in., ht. 35 ft. With Horca rigidifolia.
 19427 Horca rigidifolia. Sterile. Tukouwa-^{ma}-^{pa}-^{pa}
 19428 Horca rigidifolia. Sterile. (x. ...)

Teresita, Rio Papuri.

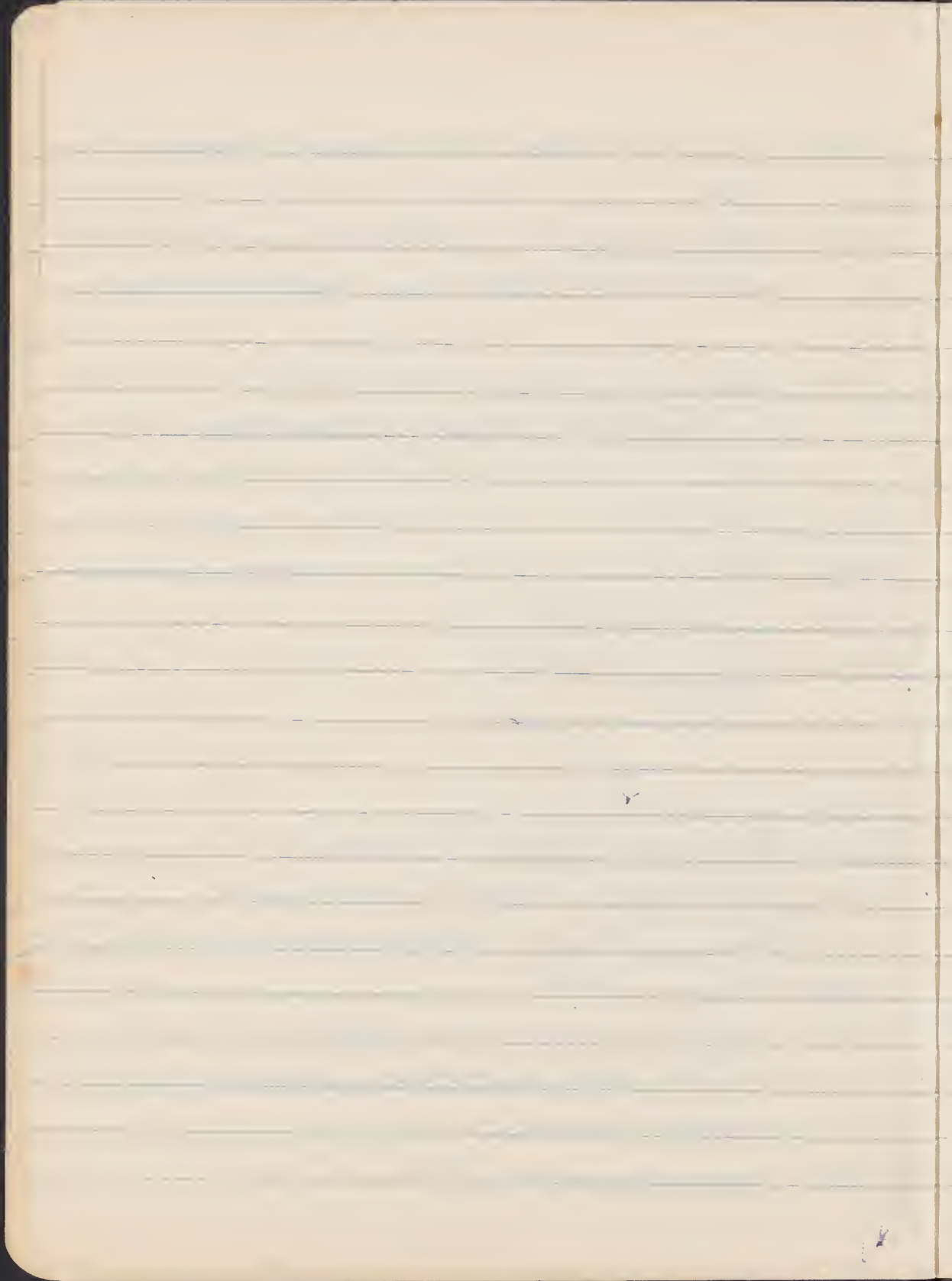
May 27, 1953.

On white sand in wet spots

- 19429 Tonina glaucatilis
 19430 Xyris. Fl. yellow.
 19431 Fl. white. In water on sand.
 19432 In mats on wet sand. Fl. white.
 19433 Sedge.
 19434 Sedge.
 19435 Melastomaceae. Fl. pink, lvs. pinkish beneath.
 19436 Piper. Bush 2-3 ft.
 In castorja forest
 19437 Rapatea. Bracts green.



- 19438 Sm treelet. Forest clear around, Surround fl.
white.
- 19439 Hevea paucifl. var. cor. Tree col. diam 1 ft, Ht. 35-
40 ft. latex thin, whitish cream. Leaf. horiz. Stem. .
- 19440 Micrantha n. sp. Tree col. diam. 18 in. Ht. 60 ft.
Crown large. No latex. Bk papery, yellowish grey. (3)
- 19441 Fern. (1)
- 19442 Fern. (2)
- 19443 Ep. bromel. (1)
- 19444 Micrantha n. sp. (3)
- 19445 Ep. fern. (1)
- 19446 Retiniphyllum discolor. Fr. red. Bush.
- 19447 Retiniphyllum ? Bush. Fr. red. Fl. white.
- 19448 Burmanniaceae Whole pl. reddish fl. white. (1)
- 19449 Ep. fern. (2)
- 19450 Hevea nitida. Col. tree 60 ft. tall. diam. 16 in,
latex thin, white. Leaf. strongly reclinate. with 19440
and 19452 common.
- ✓ 19451 Micrantha sp. nov. (4)



19452 Micondrea Sprucei Fl. cream yellow, pungent.
Tree 60 ft tall, trunk old above stilt roots. Bark
dark brown outside, reddish inside. Sparse white
latex.

19453 Same.

19454 Havea nitida. Fruit.

19455 Bryophyllum. On trunk.

19456 " " "

19457 " " "

19458 " " "

19459 " " "

19460 " On twigs.

19461 " Grows on the trunk.

19462 " On trunk. Micondrea.

Downstream from Teresa, Cerro

May 25, 1953.

19463 Melastom. Bush.

19464 Small tree. Fl. greenish.

19465 Havea paucifl. var. coriacea. Leaf. red.

19466 Rubiac. Shrub. Fl. white.

Apr. purple.

19467 Havea paucifl. var. coriacea. Leaf. red. - horiz.

19468 Orchid. Sp. low. purple. Fl. pink. (1)

19469 *Tacwaco* ^{crust.} *lot* for *schizophoric* use.

19480. Considered "bad magic" by *Tufano* *19480* *11/11/48*.

19469 Tree, 75 ft. tall. Euph. (smells like Lauraceae)
Sterile, Bk. yellowish grey.

19470 Hevea pau pl. var. coriacea. Leaf. red.

19471 Large bush. Compositae. Bracts deep white, fl. white.

19472 Heliconia. Bracts red.

19473 Moraceae. Bracts pinkish, fl. white. New leaf
leaf striped red + grey-green, sometimes all red.

19474 Low palm

19475 wild pineapple? Paratoum = se-wa' (= pineapple)

19476 Gleichenia.

19477 Sedge.

19478 Spargel. Outer white, inside pinkish. Spikes white.

19479 Fern. (5)

19480 Burmanniaceae? (1) Sciaphila purpurea.

19481 Clusia. Bushy tree. Foliage thin, nearly colorless.
Fl. white, petals mostly purple.

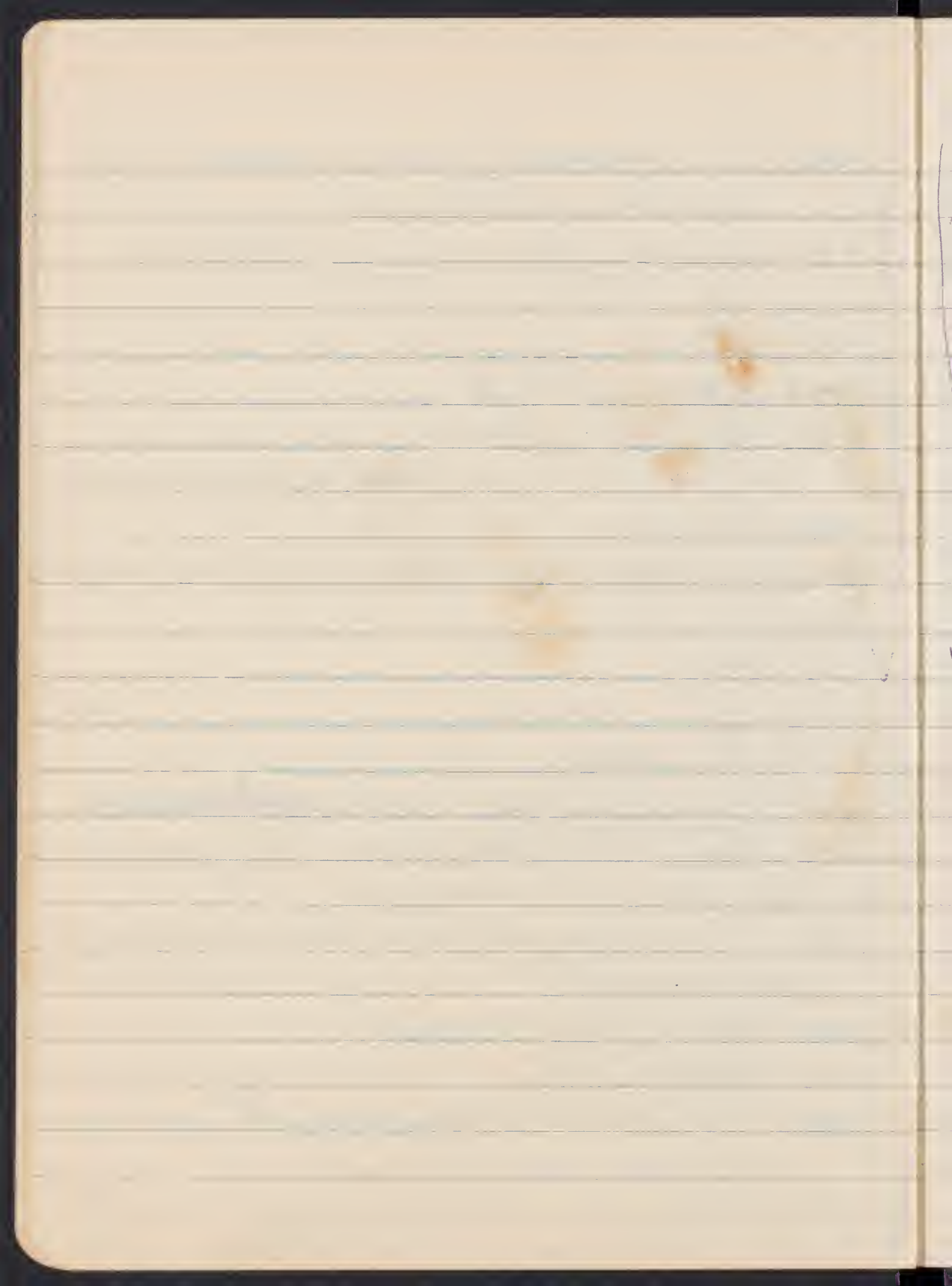
19482 Large Clusia. Fr. yellow. Fl. inside deep purple,
outside white (!)

19483 Bushy Clusia. Fr. yellow.

19484 Gleichenia.

19485 Fern. small fl. purple: up (P)
+ petals, sepals brownish.

19486 Tillandsia? Bracts yellow.



19487 Vici. dimorpha. Fl green.

19488 Marchegayia

19489 Grass.

19490 Bidens. Ht. 3 ft. Fl. purple. (1)

19491 H. purpa.

On river bank.

19492 Micr. lanensis. Fl ^{green} yellow. Fl slightly red-purple. Cal tube with copious white latex. Ht. 70 ft.

19493 Lew. sp.. Apocyn. ? (No latex)

19494 Peperomia diprinites. Petiole purple.

✓ 19495 Therapsis subsericea.

19495a Leopoldinia tenuis



Tuyuka vocabulary. Río Paca (affl. Papurí) and Río Dji
(affl. of Vaupés)

coca

guarumo

uva

carnito

juña kee

aji

umari amarielo

rojo

verde

morado

fajurá

ucuguí

cuneri

ararasirunga

auyama

guarimo

aguacate

yuca dulce

brava

achuria

caña

yajé

cananguche

milpesos

cumare



plátano grande

chiquito

árbol del pan

chontaduro

lulo

papaya

caraná

juansoco

ucuguirana

abiurana

zinga

carurú

M. Sprucei

name

inajá

achiote

breo

batata

19517. Yucca var. puberula back into striata for several months
ago. W. it has suberulata leaves from a lower root.

1949^{5a}

ten

Tach

p - tam buca

See

p - na'-mos - the

Wacziarg, ^{Dr} Sara, Vaipic, June 1-3, 1953.19496 *Gynerium* *altissimum* on tree. Costa Rica.19497 *Bursera* *phylicifolia* on slender trunk.

19498 " " " "

19499 " On rotten log.

19500 " On bark.

19501 " " "

19502 " On slender trunk.

19503 " " " "

19504 " On bark.

19505 " On rotten log.

19506 " " " "

19507 " " " "

19508 " " " "

19509 " On slender trunk.

19510 " In tufts on ground.

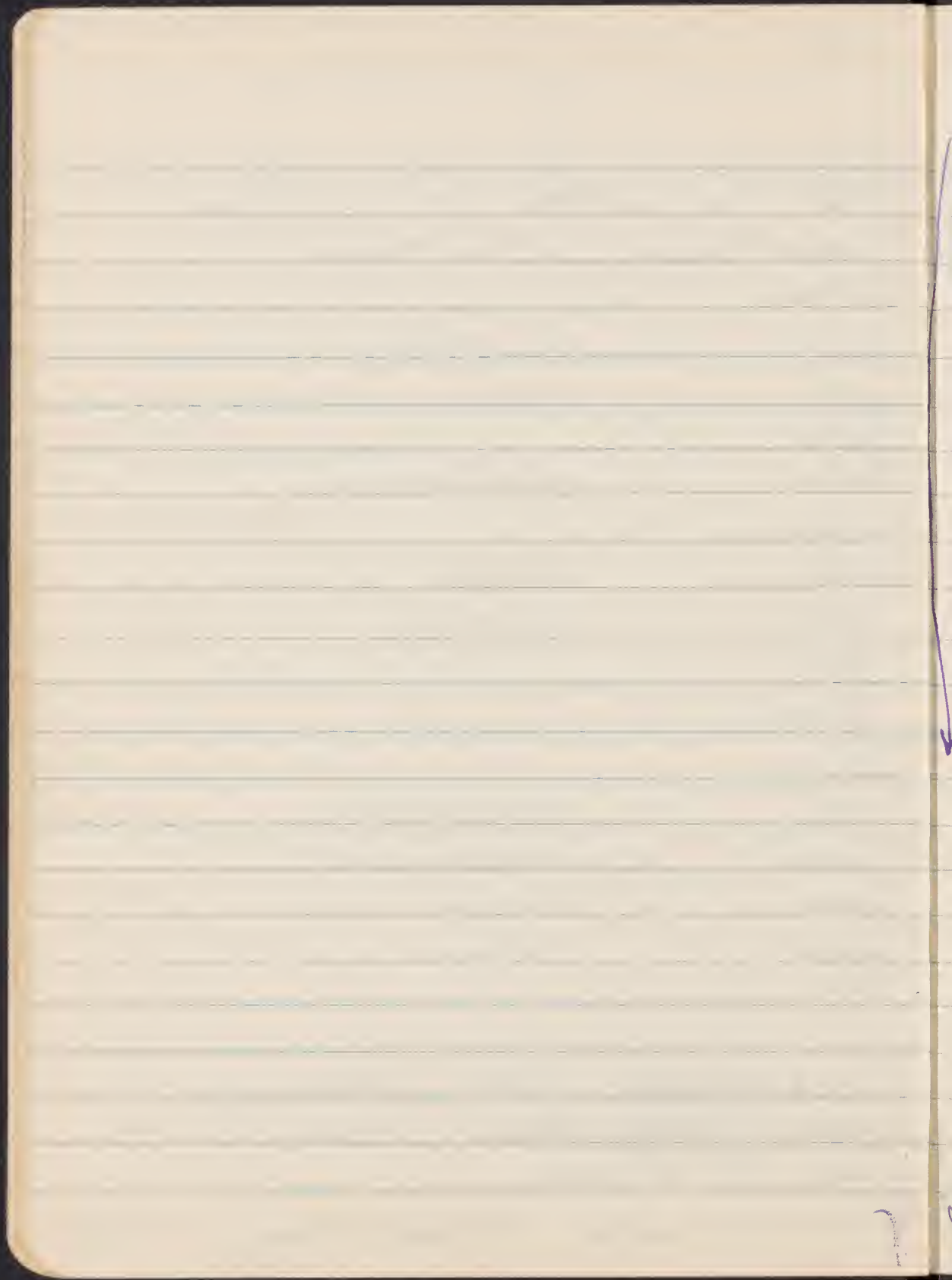
19511 " On twigs.

19512 " On twigs.

19513 " " "

19514 " " "

19514 *Hirtella* *Sm* tree *uvicaria*19515 *Melastom* *Tree*19516 *Tree* *H. white*,✓ 19517 *Ep. orchid* *H. pale bluish*. (11)



- 19518 Tree. Fl. white with orange spot. Legume.
- 19519 Tree. Fl. yellowish.
- 19520 Semi scandent Clusia.
- 19521 Tree. Legume. Fl. yellowish.
- 19522 Inga. Tree. Fl. yellow.
- 19523 Spathiphyllum. Spathe white inside, green outside. Fragrant. In water.
- 19524 Scandent Clusia. Fl. purplish red. Latex white.
- 19525 Calathea cyclophora. Bracts pink-white. Fl. white. On granite rocks of falls.
- 19526 Ponte deria? In headwaters of Paca only + headw. Oji. Fl. white. In water, river's edge.
- 19527 Ep. bromel. Leaves red-purple beneath, Fl. blood red, anthers yellow. Bracts red, ashly. Along edge of stream on rocks.
- 19528 Ep. Spideindrum. Fl. cream.
- 19529 Ep. Spideindrum. Fl. deep yellow. (1)
- 19530 Aroid. Spathe yellow green inside, stem mottled green-brown. In water.
- 19531 Terr. bromel. Fl. white. On granite rocks of rapids.
- 19532 Wild yucca-like. On granite rocks of rapids.

Phyllocladon reniformis R. S.

- 19533 Tree. ~~Large~~
- 19534 Heteria. Sm tree
- 19535 Swartzia. Tree 20 ft.
- 19536 Small tree. Fl. yellow.
- 19537 Tree 30 ft. Melastom.
- 19538 Riverside bush. Fr. purplish red.
- 19539 Melast. Sm tree. Fl. yellow.
- 19540 Nyctagin. Bush. Fl. yellow.
- 19541 Desmodium
- 19542 Cyperus. Ht. 3-4 ft.
- 19543 Carludovicia. Infl. pendulous. (1)
C. salifera Schum.
- 19544 Ep. aroid.
- 19545 Retinophyllum. Fl. pink. Bush.
- 19546 Herca parapl. v. conocia Sterile (2)
- 19547 " " " Sterile (1)
- 19548 Annonec. Sm tree. Fl. yellow.
- 19549 Rapatea. Fl. yellow. Fl. ^{bracts green} embedded in glaucous.
- 19550 Rapatea. Fl. yellow. Base of leaves red.
Bracts red.
- 19551 Col. tree. Ht. 80 ft. Sapst. ?
- 19552 Clusia. Tree 20 ft. In contoura. Latex white
Fr. yellowish with red stipules, size of apple.
- 19553 Terr. aroid. Spathe greenish red at base.
In clumps. Dried bracts to check for acids
flavour. Tukano's

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[Vertical purple scribble on the right edge of the page]

- 19554 Microandra siphonioides. Tree 100ft.
with buttress roots.
- 19555 Fern. (1)
- 19556 Hevea vitida, Sm tree, 30ft. Sterile.
- 19557 Clintroparoid.
- 19558 Pterimphyllosum, weak bush 2ft. Fl. pink. (1)
- 19559 Microandra Brasiliensis, 90ft. Columnar.
- 19560 Pterimphyllosum Bush. 6ft.
- 19561 Microandra minor. Fl. yellow. Tot. abundant,
white.
- 19562 Hevea ~~vitida~~ ^{parviflora} v. concolor St.

Caucaya, Rio Putumayo March 1953.

- 19563 Moranthaceae. Fl. white.
- 19564 Moranthaceae Bracts red. Fl. pink. ✓
- 19565 Hevea guianensis, Seeds. Ht. 90ft. Col. Green
2 1/2 ft. Latex yellowish.
- 19566 Theobroma subincanum
- 19567 Hevea guianensis Sterile
- 19568 Guacania ? Fl. orange red. Vase.
- 19569 Ep. guianensis. Fl. orange.
- 19570 Herrania vitida Sterile.
- 19571 Psychotria. Bush. Fl. pinkish.
- 19572 Halimolobos. Bracts red. Fl. white.

19546 *Spongioperma macrophyllum* det. Zarnochii
Barasanaa boil. loc. with bank of *Pesticidella*
raucucosa + *Martensia ovata* (see above)

19878 water applied to gummed bark when sore. Pleasant

- 19573 Begonia. Vani. Fl. yellow.
 19574 Lantana.
 19575 Large bush or sm tree. Visima. Under
 leaves golden-rust.
 19576 Vismia (bush). Fl. greenish yellow.
 19577 Theobroma? Sm tree. St.

Camchevaco

Sorotama, Apapoué, Jan. 1952.

- 19578 Fl. yellow. (1) *Prestonia hindleyana* Woott.
 19579 Fl. yellow. (2)
 19580 Epidermum Fl. yellow. (6) sp.
 19581 Sp. orchid. Fl. yellow-brown. (5)
 19582 Ep. orchid. Fl. red-maroon (2)
 19583 Sedge. In water. (5)
 19584 Sp. orchid. Fl. whitish. (2)
 19585 Bush. Malpigh. Fl. pink. (4)
 19586 Passiflora. (2) Fl. red.
 19587 Legum. Col. tree 110 ft. Diam. 4 ft. (6)
 19588 Sm. tree. (6)
 19589 Styrax. Sm tree. (6)
 19590 Large tree. Fl. yellowish. Sapot.? (6)
 19591 Large tree. Legum. (5)
 19592 Large tree. Fl. pink. (5) Apoc?
 19593 Large tree. Fl. yellow (6)

1909. A collection of leaves for stomach pain from Ind. not clear up.
Good for "red eye".

1910. Kämpfer cure used with *Chondrodendron* + *Sapindus* +
Mad. maculata in curative. It is very strong.

19594 Large tree. (6)

19595 Tree (6)

19596 ~~Shrub~~ ^{Shrub} ~~oid~~, (5) On rotten log.

19597 Bush. Rub. Bracted. (3)

19598 Rub. Bush. Fl. white (3)

19599 Serpania. Fl. red. Vine (6)

19600 Sm tree. (6)

19601 Begon. Fl. purplish. (2) Vine

19602 Sm tree. (1) Rubes use decoct. of lvs ^{for medicinal}

19603 Bush. Fl. white (2)

Fl. yellow
used for
stomach pain

19604 Sm tree. (2)

19605 Sm tree. Fl. white (2)

19606 Begon. Fl. white. (1)

19607 Sm tree. (1)

19608 Bush. Melast. (1)

19609 Sm tree. Melast. (5)

19610 Vine. Strychnos (2)

19611 Vine. Fl. green-yellow (1)

19612 Sm tree. (6)

19613 Vine. Fl. white. (1)

19614 Bush. Melast. Fl. red. (4)

19615 Sm tree (6)

19616 Tree 45 ft. Fl. green-yellow (6)

19617 Strychnos. Fl. yellow. Vine. (6)

Alvarado Creek bed + bed in bed with lot of mica
as schistose

1903 The Fabms were still further of west than the west end of
(Anacostia?)

- 19618 Bush. Fl. whitish green. (6)
 19619 Suntan Melast. (5)
 19620 Suntan. Rub. Fl. yellow. (1)
 19621 Bush. Fl. green-yellow (6)
 19622 Bush. Melast. (2)
 19623 Bush. Cephaelis? Bracts yellow. (3)
 19624 Bush. Rub. (2)
 19625 Gesneriac. Fl. orange. (4)
 19626 Melast. Bush. (4)
 19627 Suntan. Fl. red. Legume. (5)

~~Rio Vaupés, Yurupari & vic. Nov. 1951~~

Rio Vaupés, Crossia et vic. Nov. 1951

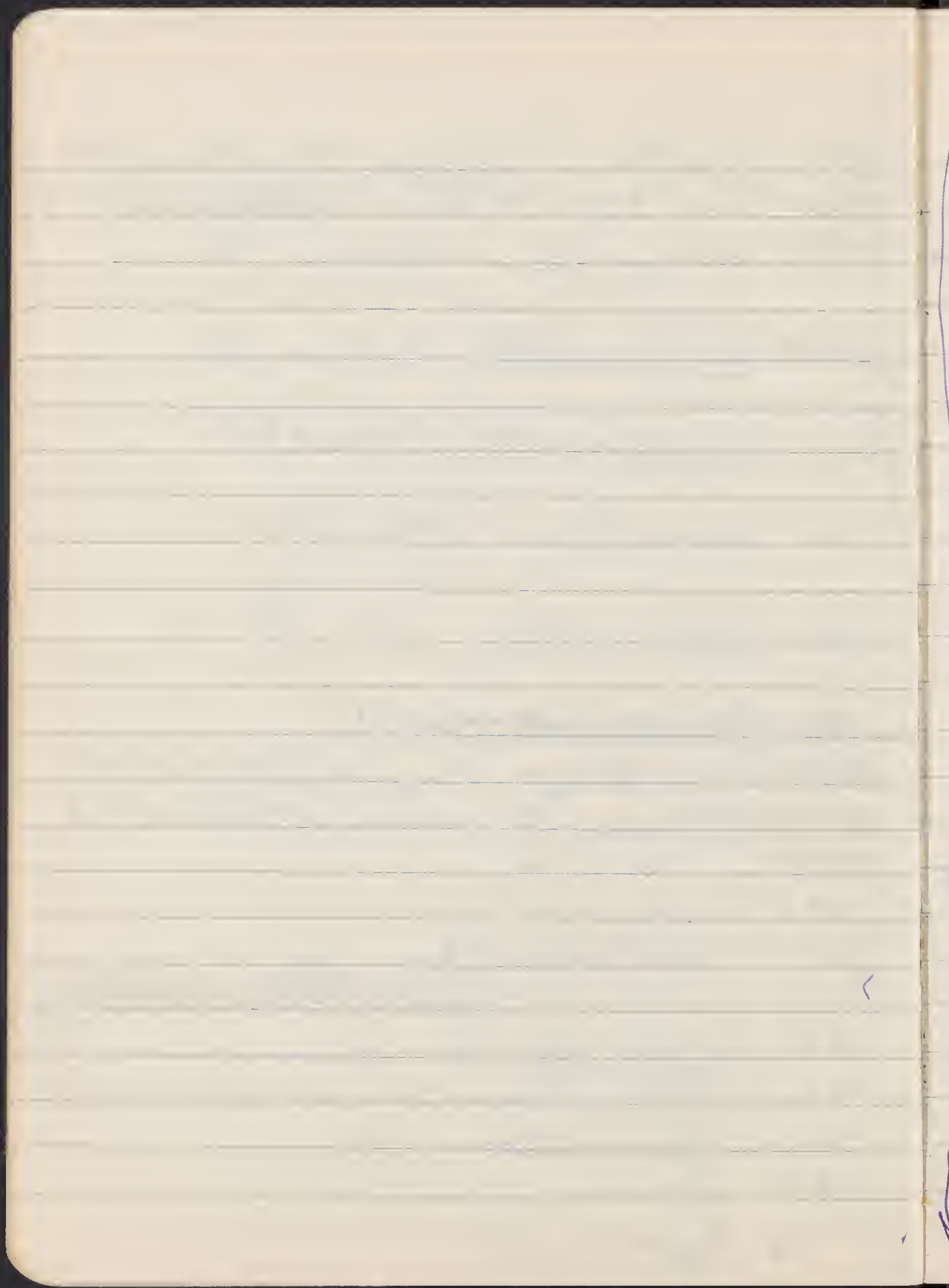
- 19628 Clusia? Bush. Fl. white with central red-purple spots on petals. (6)
 19629 Height 6ft. (8) Kubers use bark as vermifuge.
 19630 Hb. Fl. white. (3)
 19631 Maranthaceae (8)
 19632 Malvaceae Filipink. (2)
 19633 Acanth. Fl. red. (8)
 19634 Bush. Cassia? Fl. yellow (8)
 19635 Aristolochia N. sp.? (2)
 19636 Melastom. Fl. whitish (6)
 19637 Eleocharis? Paspalanthus? Suntan.

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- 19638 ^{yurupai} Podostemonaceae. On rocks. (5)
 19639 Bushy tree. Melastom. (7)
 19640 Sm tree. Legume. Fl. yellow (8)
 19641 Large tree. Moraceae? (7)
 19642 Bush. Comp. (7)
 19643 Podostemonaceae (5) yurupai
 19644 Eurocaliaceae, (7)
 19645 Alboboda grandis var. minor (5)
 19646 Eurocaliaceae (4)
 19647 Xyris. Fl. yellow. (5)
 19648 Carex. (6)
 19649 Fern. (6)
 19650 In water. (12)
 19651 Podostemonaceae (10) yurupai
 19652 " (8) yurupai
 19653 Cyclanthus n. sp. (2) *
 19654 Micrandra minor. (5)
 19655 Micrandra sp. (2)
 19656 Micrandra sp. (4)
 19657 Micrandra sp. (4) Sterile.
 19658 Moraceae (1)
 19659 Hevea nitida. In flower. (10)
 19660 Hevea nitida In flower (12)

Anthracium infectum P.S.

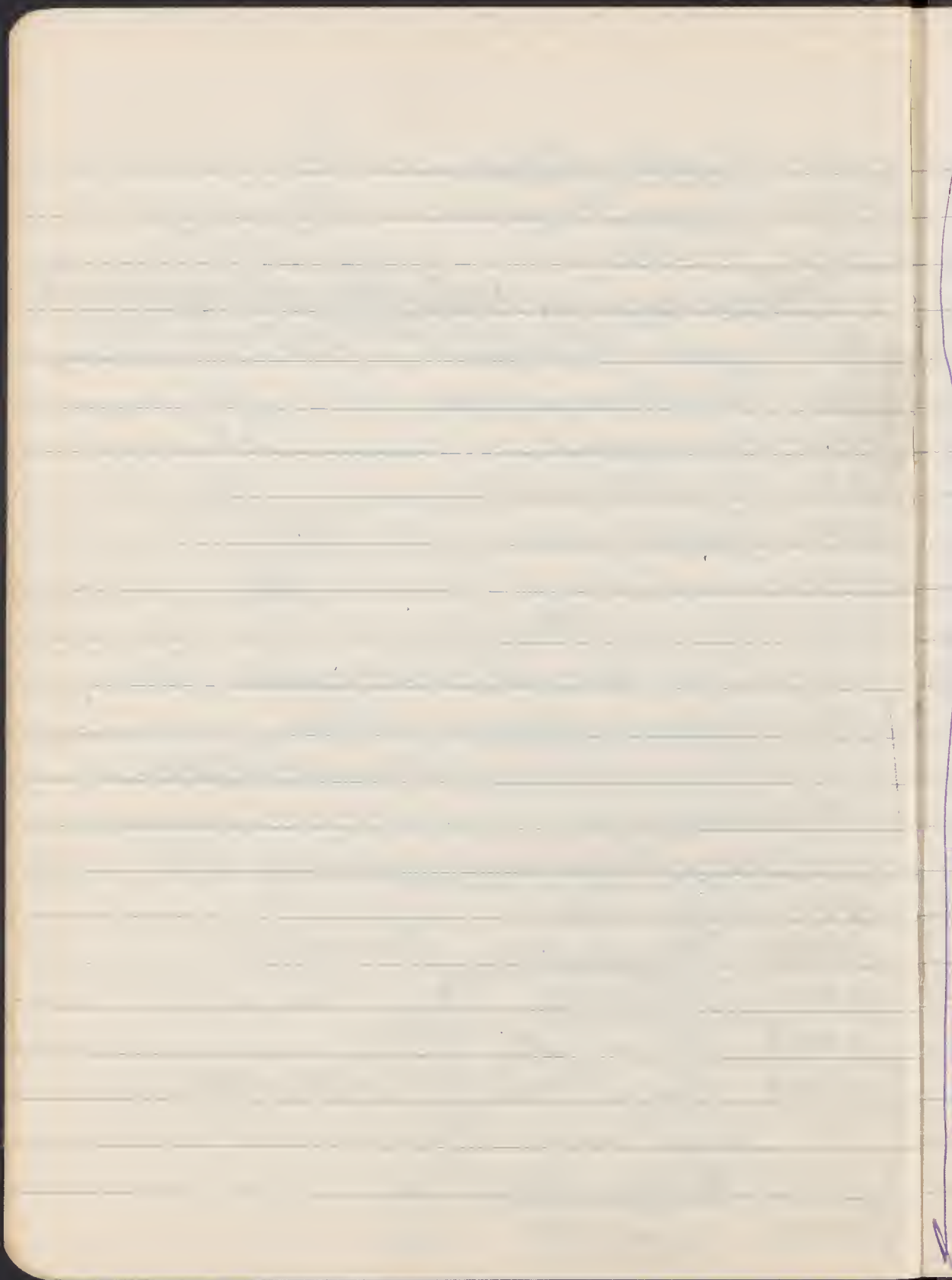
- 19661 Sun tree, Vochysia, Fl. yellow, (10)
- 19662 Tree, 40ft, Fl. pink. Leguminosid, (6)
- 19663 Hevea nitida, In flower, (7)
- 19664 Hevea nitida, In flower, (8)
- 19665 Herrania nitida, In fruit (4)
- 19666 Hevea nitida, In flower, (10)
- 19667 Hevea nitida, In flower, (12)
- 19668 Mabea, Latex white, (6)
- 19669 Vine, apocyn. Fl. yellow, Lat. white (4)
- 19670 Cestrum, Fl. green - yellow Bush, (1)
- 19671 (3)
- 19672 Aroid, Terr. (2)
- 19673 Aroid, Terr. (4)
- 19674 Aroid, Terr. (2) TIKUNU: decoction of whole plant to p. with teeth.
- 19675 Convolvocia, Terr. (6)
- 19676 Clusia, Bush, Fr. red, Fl. pink, (7)
- 19677 Paepalanthus, (3)
- 19678 Legume, (2)
- 19679 Cyperus (2)



- 19680 Repatea. Fl. yellow. Bracts green. (6)
- 19681 Terr. (aquatic) aroid. Spathe brown purple. (2)
- 19682 Xyris. Fl. yellow. (6)
- 19683 Couma? Lvs. white. San tree. (10)
- 19684 Selaginella. (1)
- 19685 Befaria. Fl. red. Bush (10)
- 19686 Fern. (1)
- 19687 Alboboda. (1)
- 19688 Utricularia. Fl. yellow. (3)
- 19689 Xyris. Fl. yellow. (4)
- 19690 Bush. Melastom. (6)
- 19691 Melastom? Fl. yellow. (8)
- 19692 Paepalanthus. (3)
- 19693 Bush (6)
- 19694 Malpigh. Fl. pink. (7)
- 19695 Selaginella (5)
- 19696 Clusia. Bush. (12)
- 19697 Marigravia. Fl. orange-red. (6)
- 19698 Grass. (6) Stems & fl. boiled to make tea de calmarine.
- 19699 Lycopodium (2)
- 19700 Legume? Bush. (2)
- 19701 Sedge. (6)
- 19702 Toumou fluviculis (5)
- 19703 Terr. orchid. Fl. white. (6)

19707 *Ryania acuminata* Spruce
R. angustifolia (Turcz) Monach. det BS.

- 19704 Paepalanthus? (8)
 19705 Xyris Fl. yellow (3)
 ✓ 19706 Fl. white (1)
 19707 Rapanea Sm. Tree. 20 ft. Fruit hairy. Seeds said to have been used ^{Ruber Paterson.} (1)
Rio Vaupe's, Yurupari Nov. 1951, ^{to person} _{living}
 19708 Podostemonaceae (6)
 19709 Ten. aroid (6)
 19710 Podostemonaceae (6)
 19711 Cyperaceae (4)
 19712 " (6)
 19713 Apocyn. Fl. pink. (6)
 19714 Ten. Bromel. Bracts yellow. (5)
 19715 Chelonanthus. (5)
 19716 Hevea intida, Sm. tree. Sterile (4)
 19718 Sedge. (1)
 19719 Gongylolepis maroana, Bush. (5)
 19720 Sedge. (5)
 19721 Retimphyllum Bush. (6)
 19722 Alboloba. (4)
 19723 On sand. (8)
 19724 Clusia, Bush. Pet. white with central purple mark. (7)
 ✓ 19725 Salpiglossa. (6)
 ✓ 19726 Maranth. (10)



- 19727 Clusia, Large bush. Fl. yellow. (6)
- 19728 Bush. (6)
- 19729 Melastom. (5)
- 19730 Xyris. Fl. yellow. (8)
- 19731 Xyris " " (8)
- 19732 Xyris Fl. yellow. (2)
- 19733 Maranthaceae. (8)
- 19734 Bush. Fl. yellow. (1) Tauwino "eye medicine"
wash of bark.
- 19735 Grass. (2)
- 19736 Cyperaceae (3)
- 19737 Fern. (5) Ten.
- 19738 Grass (1)
- 19739 Papaya. Bracts green. Fl. yellow. (10)
- 19740 Bush. (7) Fl. yellowish
- 19741 Didymopanax. In tree. (10)
- 19742 Selaginella (5)
- 19743 Bush. Malpich. (5)
- 19744 Clusia. Bush. Fl. red. (6)
- 19745 Hevea nitida. In flower. (10)
- 19746 Clusia. Bush. (7)
- 19747 Tree 35 ft. tall. (8) Legume?
- 19748 Selaginella (10)
- 19749 Paepalantura (3)
- ✓ 19750 Xyris. Fl. yellow. (6)

1976 & Maternal: ~~step~~ later in year prevent sleep. a

- 19751 Retinophyllum, Bush. (7)
 19752 Xyris fl. yellow. (3)
 19753 Paepalantus (3)
 19754 Albolbida, fl. blue. (3)
 19755 Bush, Melastom. (6)
 19756 Bush. (4)
 19757 Sm tree. (6)
 19758 Coussapoa, Tree 50 ft. (5)
 19759 Bush. (6)
 19760 Melastom, Bush. (9)
 19761 Oncidium, fl. yellow (2)
 ✓ 19762 Oryza, Bush fl. white. (1)

Sorotama.

March 1952.

- 19763 Euphorb? Bush. (1)
 19764 Sm tree, fl. white. (6)
 19765 Bush. (4)
 19766 Sm tree. (10)
 19767 Vine. (3)
 ✓ 19768 Sm tree. (4)

Junioje

Dec. 1952

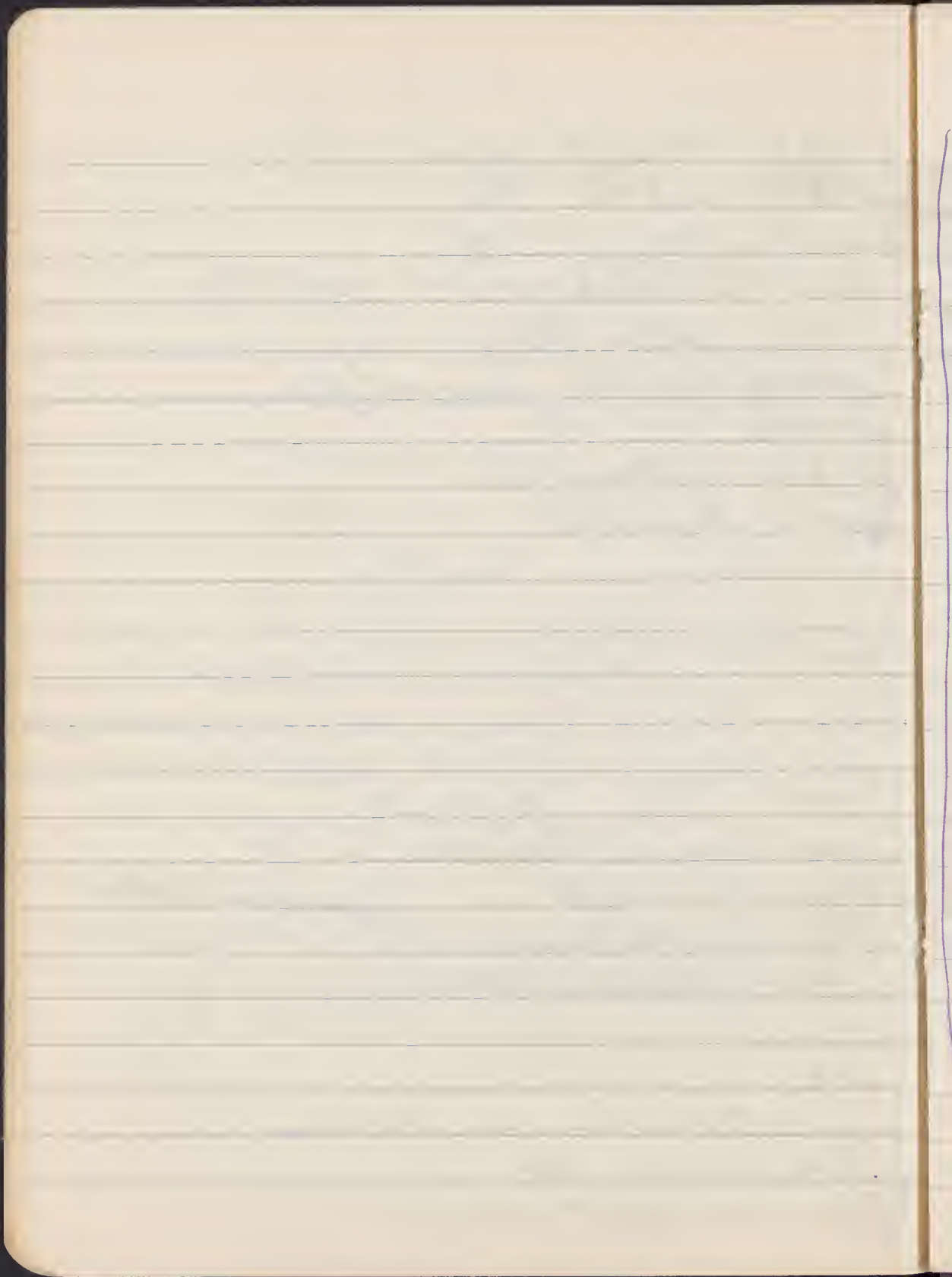
- ✓ 19769 Gnetum, Vine. (1)
 ✓ 19770 Small tree. (6)

19786 Curved roots, mixed with mud spreader houses against
Kerato, Makina etc part later between two fungal
infection. Other Fidia - a fibrye.

- 19771 Bush. Fl. yellow. (2)
 19772 Sm. tree. (6)
 19773 Viburnum (4)
 19774 Fl. dark dull green-grey (2)
 19775 Sm. tree. (5)
 19776 Med. tree. Lauraceae (5)
 19777 — (1)
 19778 Sm. tree. (6)
 19779 Bush. (1)

Umpqua, Oregon, July 1954

- 19780 Hevea Samol. or. coccinea (8. pink) (1)
 19781 Fern. Sp. (1)
 19782 Genesioideae. Bracts red. Fl. yellow (1)
 19783 " Fl. white (5)
 19784 Ulmaceae? Large tree. Sterile (6)
 19785 Orchid. Sp. (9)
 19786 Large tree. Sapot.?? (8) *Aspidosperma Schultesii*
 19787 Sp. Bromel. Bracts red. (1)
 19788 Fl. red. (1)
 19789 Low palm. (1)
 19790 Cycloanthus. Sm. with latex. (1)
 19791 Melastom. (9)
 19792 Weak bush. Fl. white. (2)



- 19793 Riverside tree. Lat white. Sapot. (5)
 19794 Clusia. Bush. (1)
 19795 Sm tree.
 19796 Riverside tree. Legume(?)
 19797 Fl. red. (1)
 19798 Bush. Fl. white. Apocyn.?(1)
 19799 Fern. Fern. (1)
 19800 Carludovici. Ep. Climbing (1)
 19801 Large tree. Lat. white. Sapot (6)
 19802 Micrandra Rossiana. In young fruit. (2)

 19803 Med. tree (4)
 19804 Sm tree, Legum. Fl. white (1)
 19805 Sm tree Fl brown. (1)
 19806 Bush. (3)
 19807 Legume. Fl. white. Tree 20 ft. (10) Legu.
 19808 Bush. (6)
 19809 Bush. (1)
 19810 Sm tree. (10)
 19811 Sm tree. Legume. (4)
 19812 Bush. Legume? (3)



Jurugid. March 1952.

- 19813 Clusia. Bush. Fl. red. (1)
19814 Brethium. Vine, ??? (2)
19815 Bush. Malpighi? (5)
19816 Mayna amazonica. Fl. light green (5)
19817 Bush. (1)
19818 Peperomia. Sp. (4)
19819 Styrax. Fl. yellow - grey. Tree 25-40 ft. (3)
19820 Aroid. Sp. (1)
19821 (3)
19821 Bush. Melastom. (4)
19822 Sm tree. Fl. yellow - brown. (6)
19823 Bush. (4)
19824 Tree. 30 ft. (1)
19825 Bush. Melast., (4)
19826 Cyperaceae. (4)
19827 Sm tree. (1)
19828 Solanum. (4)
19829 Ficus. Lat. white, Fl. red. Sm tree. (4)
19830 Tree 50 ft. (4)

Sorotema Jan 1952.

- 19831 Mel. tree. (6)
19832 Sm tree. Tree 35-40 ft. Fl. white. (?)

19835

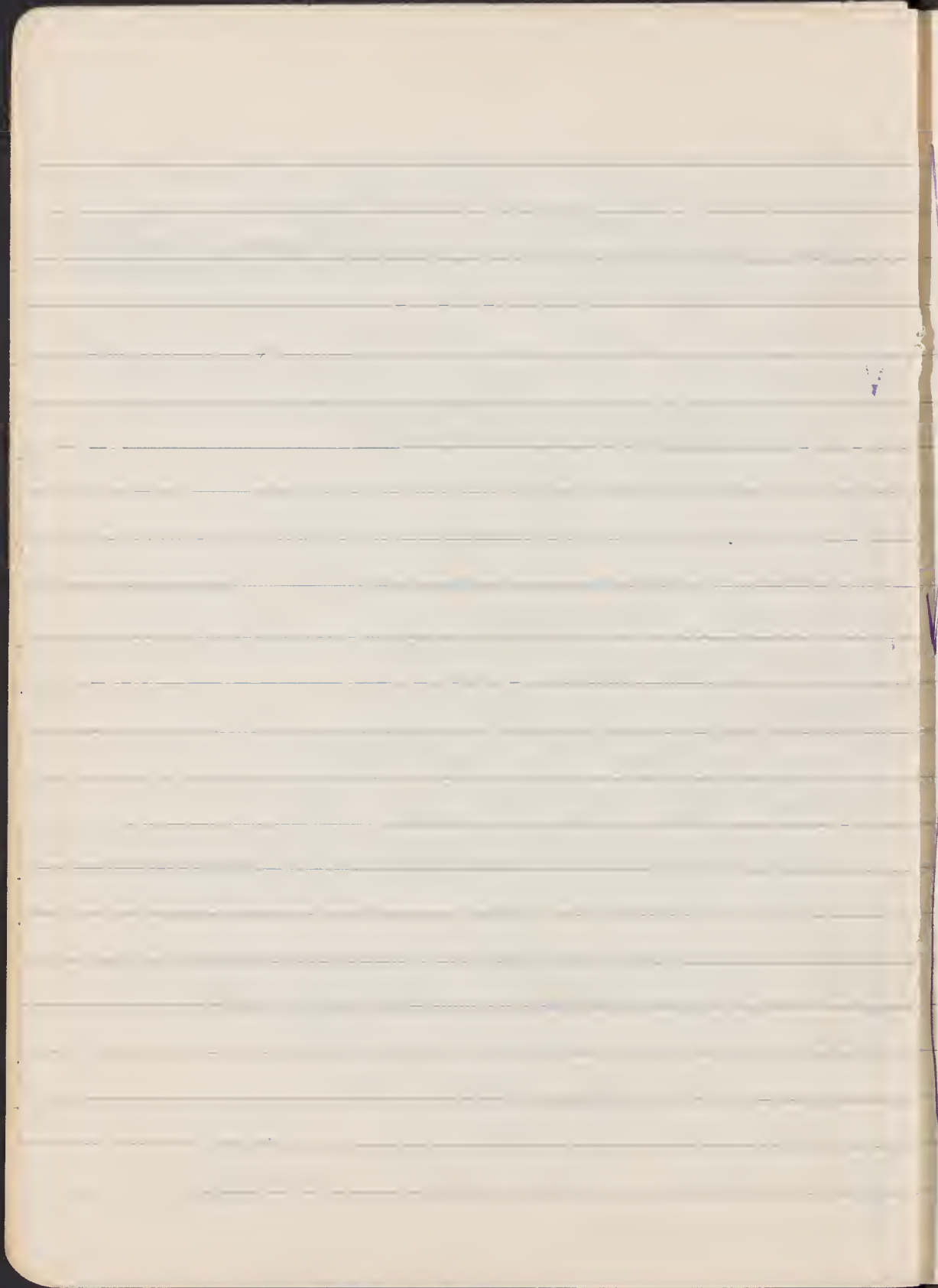
Tauwano good for seed. No fruit in specimen.

19836 *Convolvulaceae* - *Convolvulaceae* of *Convolvulaceae* excellent when sanded
in cat or fish oil eaten.

19837 *Makuma* - *ray* bark *deciduous*

19838 *Latex* *control* *lip* *ray* *Makuma* - *Tauwano*

- 19831 Tree 4 ft. tall. (8)
 19832 Tree 10 ft. tall. (4)
 19833 ^{very tall tree} Tree 10 ft. tall. (5) *Pourouma ciccuro*
 19836 Shrub. 2 ft. (2)
 19837 Tree 10 ft. tall. (3)
 19838 *Eucalyptus* tree 10 ft. tall. (4)
 19839 Epiphyte. H. yellow. (1)
 19840 Tree. (4)
 19841 Anolis. Fl. yellow. (1)
 19842 *Norantea*, Fl. red. Sp. (8)
 19843 Med. tree (2)
 19844 Tree. (7)
 19845 Tree. 10 ft. tall. (10)
 19846 Med. tree. Fl. yellow. (10)
 19847 Med. tree. Fl. yellow. (6)
 19848 *Passiflora*. Vine. H. yellow. (2)
 19849 Tree. (6)
 19850 Tree. (6)
 19851 Tree. (3)
 19852 *Hemiphanes*. (3)
 19853 *Passiflora* tree. (6)
 19854 Tree. 10 ft. tall. (6)
 19855 *Passiflora*. Tree 10 ft. tall. (4)
 19856 Tree. (6)



19557 Passiflora Fl. pink Anther yellow (3)

19558 Passiflora (3)

19559 Passiflora (3)

19560 Passiflora (2)

19561 Passiflora (3)

19562 Passiflora? Fl. yellow Anther yellow (4)

Taiwan - success in making backcrosses.

Project 1952 Nov. 1952

19563 Passiflora Fl. pink Anther yellow (8)

19564 Passiflora Fl. pink (8)

19565 Passiflora Fl. pink (10)

Project 1953

19566 Passiflora (1)

19567 Passiflora (7)

19568 Passiflora, Sp. (1)

19569 Passiflora (1)

19570 Passiflora

19571 Passiflora (3)

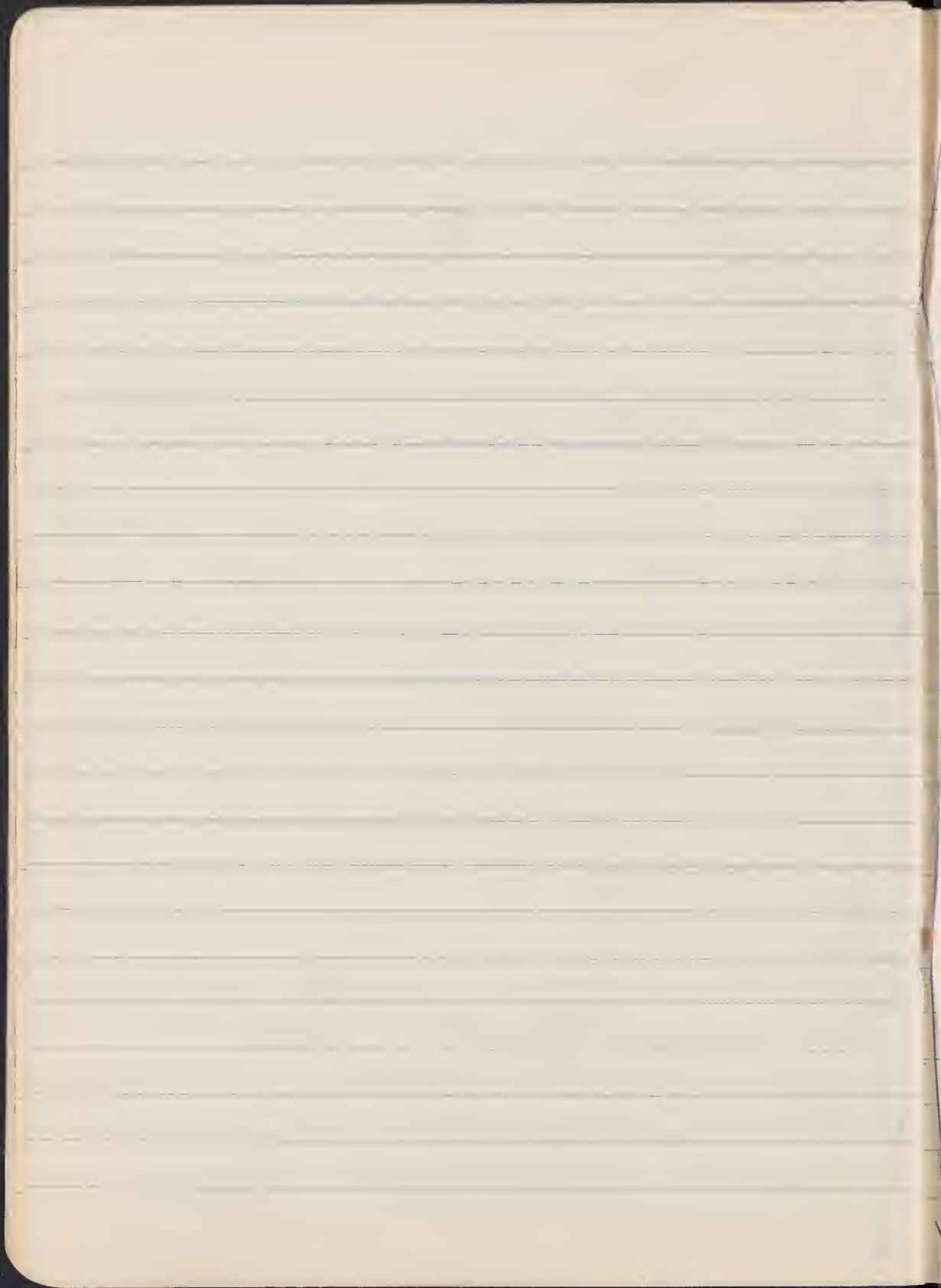
19572 Passiflora (1)

19573 Passiflora (1)

19574 Passiflora (2)

19575 Passiflora (1)

19576 Passiflora (3)



19577 Rub. Shrub (2)

19578 Shrub (1)

19579 Vine (1) Decomposition

19580 Bush (1)

19581 Xanth. (2)

19582 Stem (1)

19583 Flower (2)

19584 Stem (1)

19585 Bu. R. (1)

19586 Plant (2)

19587 Plant (1)

19588 Plant (4)

19589 Plant (3)

19590 Plant (1)

19591 Flower (3)

19592 Plant (1)

19593 Tree (5)

19594 Tree (5)

19595 Tree (4)

19596 Tree (4)

19597 Tree (4)

19598 Bush (3)

19599 Flower (1)

✓ 19900 Flower (2)

1992) *Quercus* which is used with tobacco of bark of *Quercus* and
other plants. Used to make a decoction. Known as leaf fruit in Persian
and for medicinal purposes in the form of leaves, fruit etc.

19901 *Suntree*. (2)

19902 *Sedge* (*Sp. (unc.)*) (1)

19903 *Palmetto*, *Palmetto*, *Flower*. (2)

Palmetto *Palmetto* - *Palmetto* June 1953.

19904 *Fl. yellow*.

19905 *Palmetto*, *Flower*. (3)

19906 *Palmetto*, *Fl. yellow*. (3)

19907 *Suntree*. (4)

19908 *Suntree*. (2)

19909 *Palmetto*, *Fl. yellow*, *Palmetto* (10) *Palmetto*

19910 *Palmetto*, *Palmetto*. (2)

19911 *Palmetto*, *Fl. yellow*, *Palmetto*. (9)

19912 *Suntree* (6)

19913 *Suntree* (3)

19914 *Bush*, *Bush*. (4)

19915 *Bush*, *Suntree*, *Fl. yellow*. (4)

19916 *Palmetto*, *Palmetto*, *Fl. yellow*.

19917 *Bush*, *Fl. yellow*, *Palmetto*.

19918 *Bush*. (5)

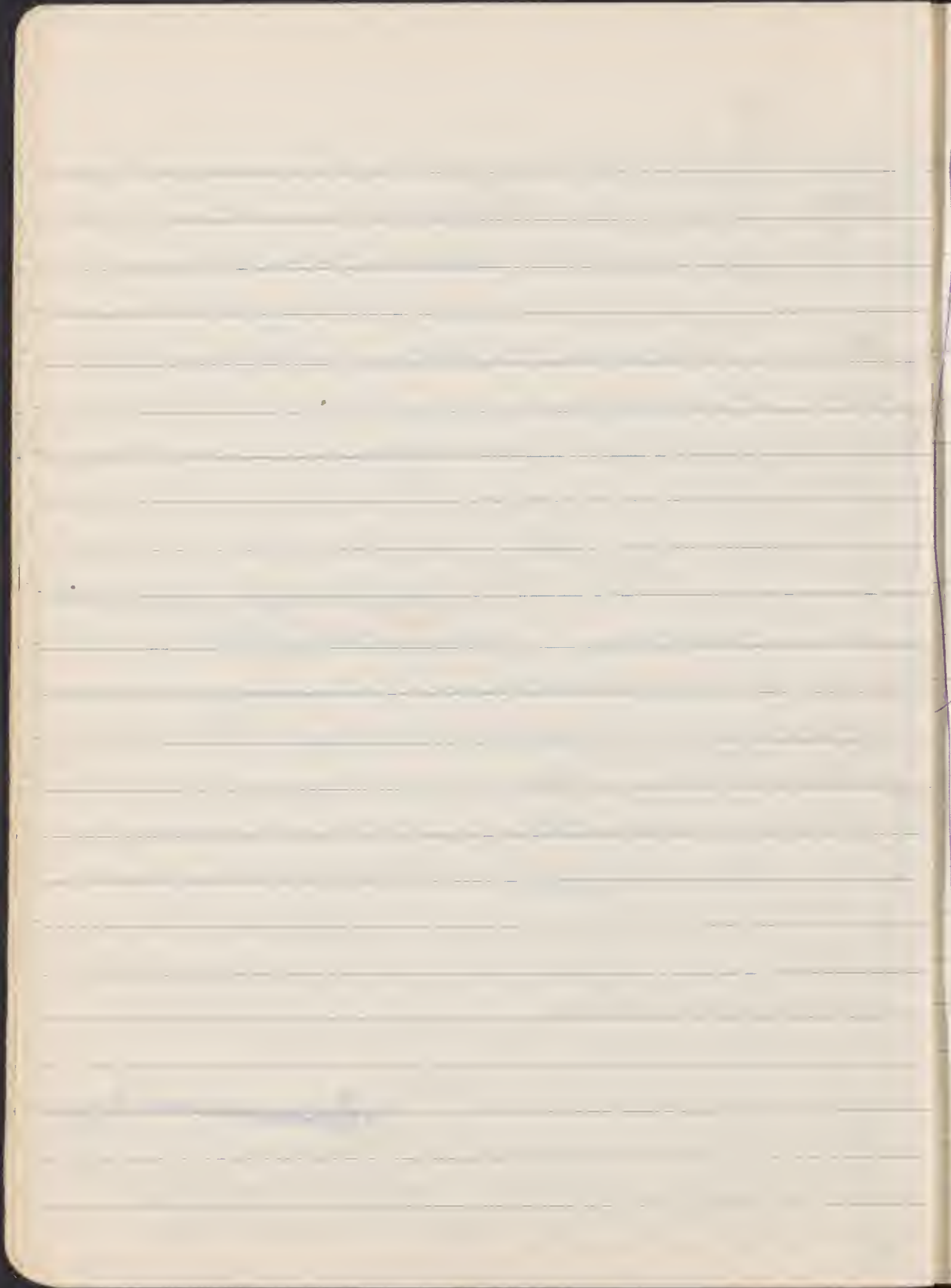
19919 *Bush*, *Palmetto*. (2)

19920 *Bush*, *Palmetto*, *Fl. yellow*. (7)

Pagamea conecia Sp. ex *Benth.*

19921 *Fern*, *Leaves*. (2)

19922 *Bush*, *Fl. yellow*. (6)



- 19924 Xyris fl. yellow, (8)
- 19925 Ruellia flavescens (L.) Nutt. ? (3)
- 19926 Ulex europaeus L. (2)
- 19927 Moench. H. purple, (2)
- 19928 Bombax carolinense (L.) (1)
- 19929 Bush H. purple, (5) Tatarone note for flower
- 19930 Scrophulariaceae, (1)
- 19931 " " (1)
- 19932 Xyris fl. yellow, (3)
- 19933 Xyris fl. yellow, (6)
- 19934 Cyperaceae (4)
- 19935 Xyris (4)
- 19936 Ruellia flavescens (L.) (2)
- 19937 Ulex europaeus L. (2)
- 19938 Xyris fl. yellow, (5)
- 19939 Xyris fl. yellow (6)
- 19940 Cyperaceae (4)
- 19941 Bush H. white, ~~fl. white~~ fl. white ? (5)
- 19942 Xyris, fl. yellow, (6)
- 19943 Ruellia flavescens L. Bush
- 19944 Machaonia fl. purple (8)
- 19945 Valleya littoralis (L.) (9)
- 19946 fl. yellow (4)
- 19947 fl. yellow (5)



- 19948 *Pachyrrhizus* (1)
- 19949 *Amorpha* (2)
- 19950 *H. sp. ...* (3)
- 19951 *H. sp.* (1)
- 19952 *L. ...* (1)
- 19953 *P. ...* (2)
- 19954 *P. ...* (6)
- 19955 *H. ...* (3)
- 19956 *H. ...* (6)
- 19957 *Polygala ...* (6)
- 19958 *H. ...* (1)
- 19959 *H. ...* (1)
- 19960 *H. ...* (4)
- 19961 *H. ...* (1)
- 19962 *H. ...* (3)
- 19963 *H. ...* (2)
- 19964 *H. ...* (1)
- 19965 *H. ...* (3)
- 19966 *Cy. ...* (3)





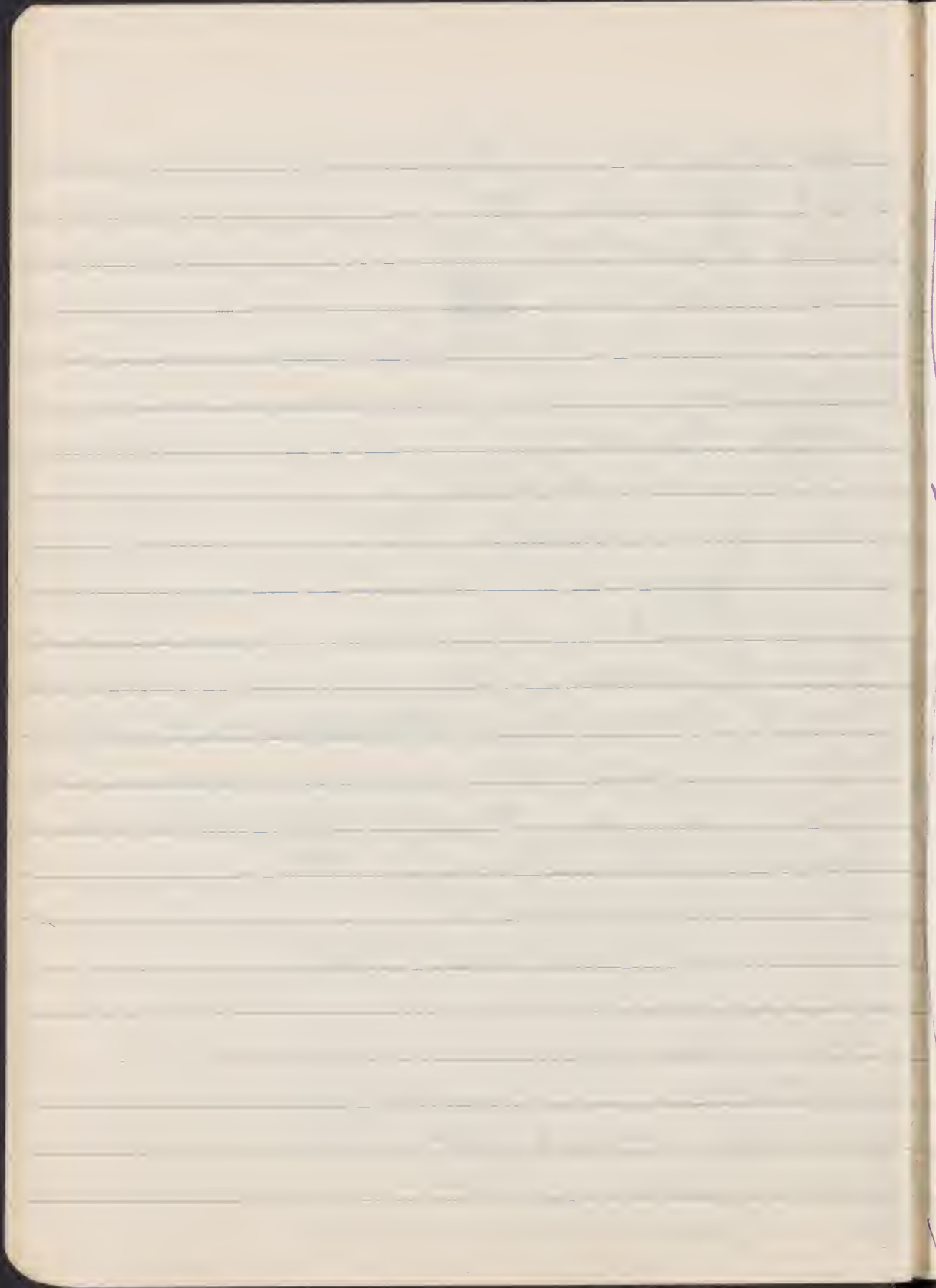
Yapoboda

April 1953

- 19967 *Meriania* sp? (12)
- 19968 Aroid. (1)
- 19969 Bush. (2)
- 19970 Cyperaceae. (1)
- 19971 Fl. purpleish (1)
- 19972 *Xyris* (2)
- 19973 *Xyris* (3)
- 19974 Bush. Fl. yellow. (10)
- 19975 *Paepalanthus Moldenkerianus* (6)
- 19976 Fl. white Tern. orchid. (1)
- 19977 (1)
- 19978 *Xyris*. (4)
- 19979 *Lycopodium* (3)
- 19980 *Drosera* (3)
- 19981 Bush (1)
- 19982 sp? (1)
- 19983 Herb. Fl. yellow. (2)
- 19984 Bush 3 ft. *Litsea columbiana*. (5)
- 19985 *Calliandra*? Bush, (5)
- 19986 *Marigravia* (2)
- 19987 sp. orchid. Fl. yellow. (1)

1999 Root pulverized added to food for beavers.

- 19988 Rapateaceae (4)
 19989 Cyperaceae (8)
 ✓ 19990 Cyperaceae, (5)
 19991 Bush Clusia (4)
 19992 Rub. Bush. Fl white (6)
 19993 Bush (1)
 19994 Fl pink (1)
 19995 Low bush Rub. (2)
 19996 Bush. Melast. (3)
 19997 Parasite (4)
 19998 Hb. (1)
 19999 Cyperaceae, (3)
 20000 *Hevea* *mitida* v. *tox.* (6) Seeds.
 20001 Ep. orchid. (2)
 20002 Farouea. Fl yellow Bush. (3)
 20003 Suntree. Jamb. ? (3)
 20004 Tallindoci ?
 20005 Fl white. Latex white. Bush.
 20006 Hb. (2)
 20007 Xyris. (3)
 20,008 Orchid. Ep. Fl. cream (5)
 20,009 Terr. bromel. Fr. red. (3)
 20,010 Cyperaceae, (3)
 ✓ 20,011 Grass. (3)



- 20012 *Styrax yapobodensis* (4)
 20,013 Bush (4)
 20,014 Bush (1)
 20,015 Bush (4)
 20,016 Cyperaceae (4)
 20,017 Herb
 20,018 Terr. Arum. Fl. ashly red.
 ✓ 20,019 *Velozia lithophila*

Ris Kudungau

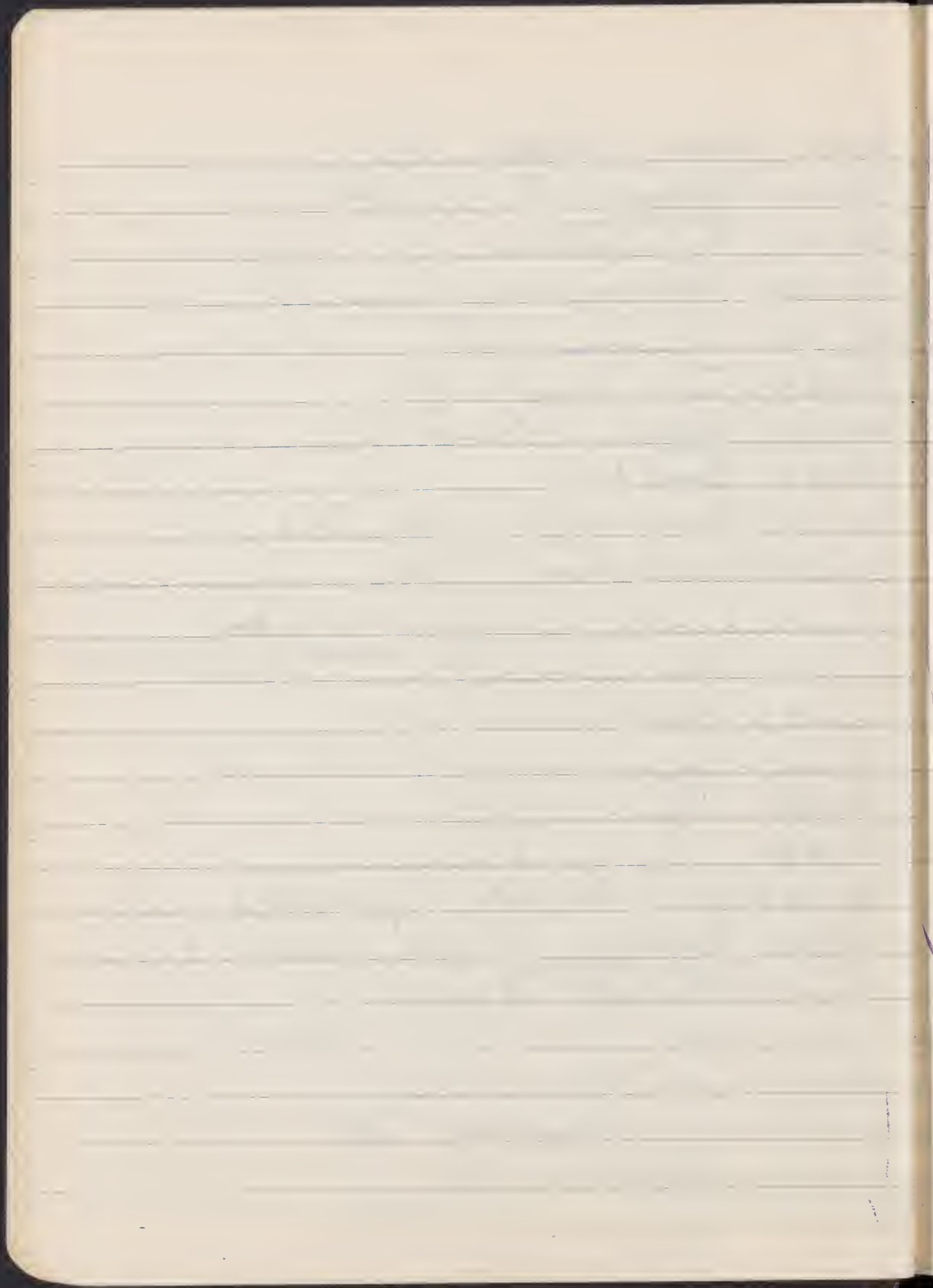
- 20,020 Selaginella (3)
 20,021 Palm, Low (4)
 20,022 Bush.
 20,023 Fern. Sp. (1)
 20,024 Fern. Sp. (4)
 20,025 *Chlorovicia* fl. white (6)
 20026 Sp. *Peperomia* (3)
 20027 Palm (6)
 20027a *Ryania* Fl. white pink inside. Prain (1)

Yapoboda

- 20028 Selaginella (4)
 20,029 Melast. Bush.
 ✓ 20,030 *Rapatea* Fl. yellow. Br. green

20041 *Protium guianensis*

- 20,031 Bush Melast. (8)
- 20,032 Cephaelis, Br. red. (4)
- 20,033 Marenthes. (7)
- 20,034 Bombax caraccium (6)
- 20,035 Fl yellow. (1)
- 20,036 Terr. Bromel. (4)
- 20,037 Orchid. Fl white. (1)
- 20,038 Bush (6)
- 20,039 Hevea nitida v. top. Seed. (1)
- 20,040 Bush Jacq? (2)
- 20,041 Bush (6) Remin. pointed in color of Melast. ^{Kellogg's name}
- 20,042 Rubr. Bush (4)
- 20,043 Bush, (3)
- 20,044. Cyperaceae. (3)
- 20,045 Cyperaceae (4)
- 20,046 Xyris (1)
- 20,047 Vine. Fl white. Fl pink (2)
- 20,048 Epidendrum. Fl. pale violet. sp. (1)
- 20,049 Malpigh. Fl yellow (8)
- 20,050 Orchidaceae Fl yellow Bush. (1)
- 20,051 Terr. Bromel (6)
- 20,052 Herb. Fl yellow. (3)
- 20,053 alboboda. (4)
- 20,054 Cyperaceae ? (2)



- 20055 Xyris. Fl yellow. (6)
- 20056 Cyperaceae? Heads white (3)
- 20057 Ep. orchid (1)
- 20058 Clusia. Fr. red. Bush, (3)
- 20059 Tern. orchid. Spathe red. (5)
- 20060 Tern. orchid Spathe ^{dark} green. (1)
- 20061 (1)
- 20062 Maranth. (3)
- 20063 Hr. (1)
- 20064 Micrantha (1)
- 20065 Ternstroemia Bush. Fl white. (1)
- 20066 Selaginella (3)
- 20067 Ep. orchid (1)
- 20068 Clusia Bush. Heads red. (1)
- 20069 Hr. (1)
- 20070 ?? Bromel. ? (1)
- 20071 Tern. orchid (1)
- 20072 Rapateea. Br. green. Aerial gelatinous Fr. yellow. (1)

Cerro Miter.

- 20073 Hevea parvifl. var. coriaria H (6)
- 20074 Micrantha (1)
- 20075 Melastom. Sm tree (6)
- 20076 Palm (5)

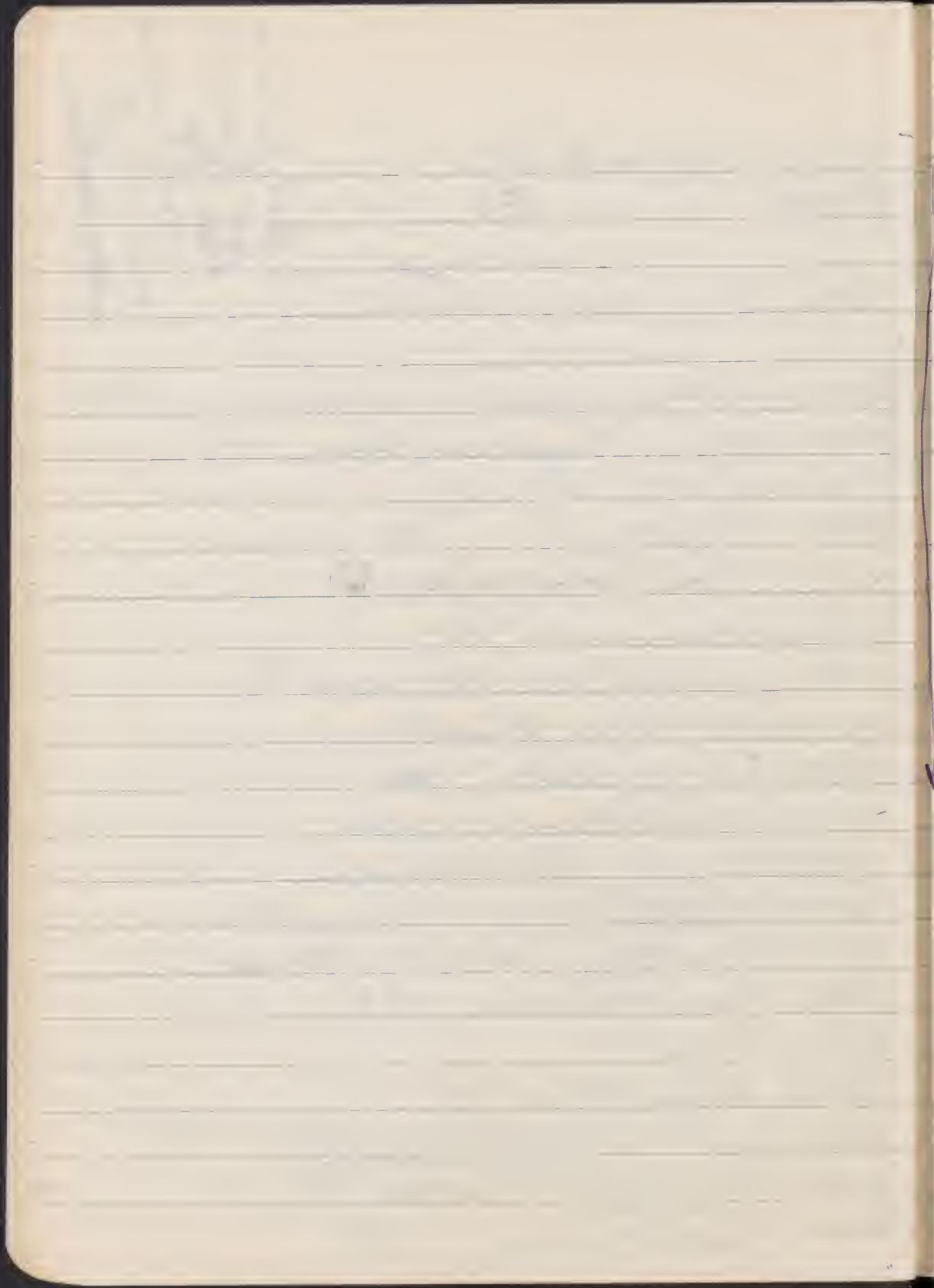
1500
1200

20077 Scandant (1)
20078 (7)

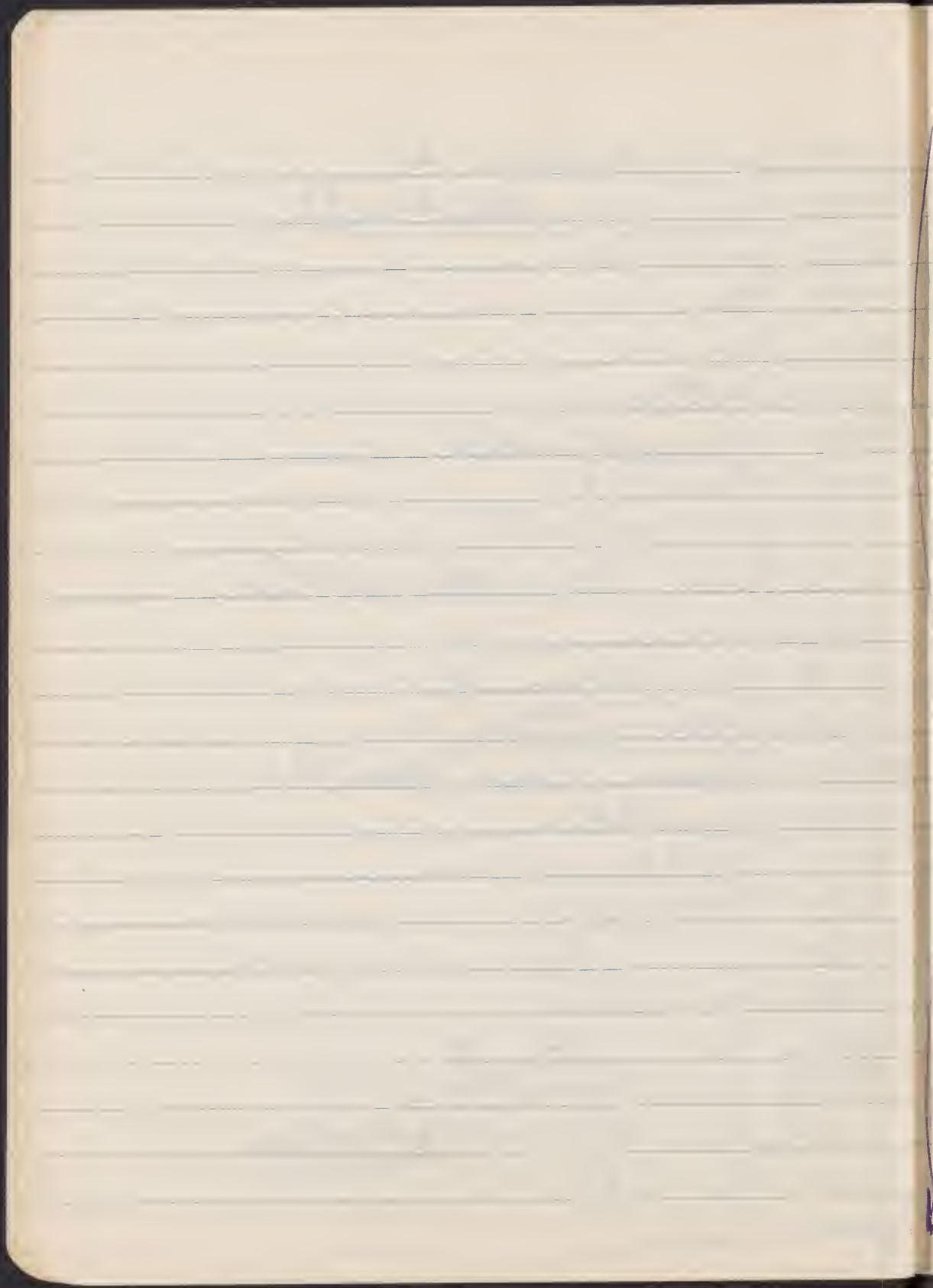
Bush about 25 ft
fl. fl. pendul.
white. Leaf -
infruct. marles
more. double
with lobes

Sabunday June 30 ^{July 1} 1953

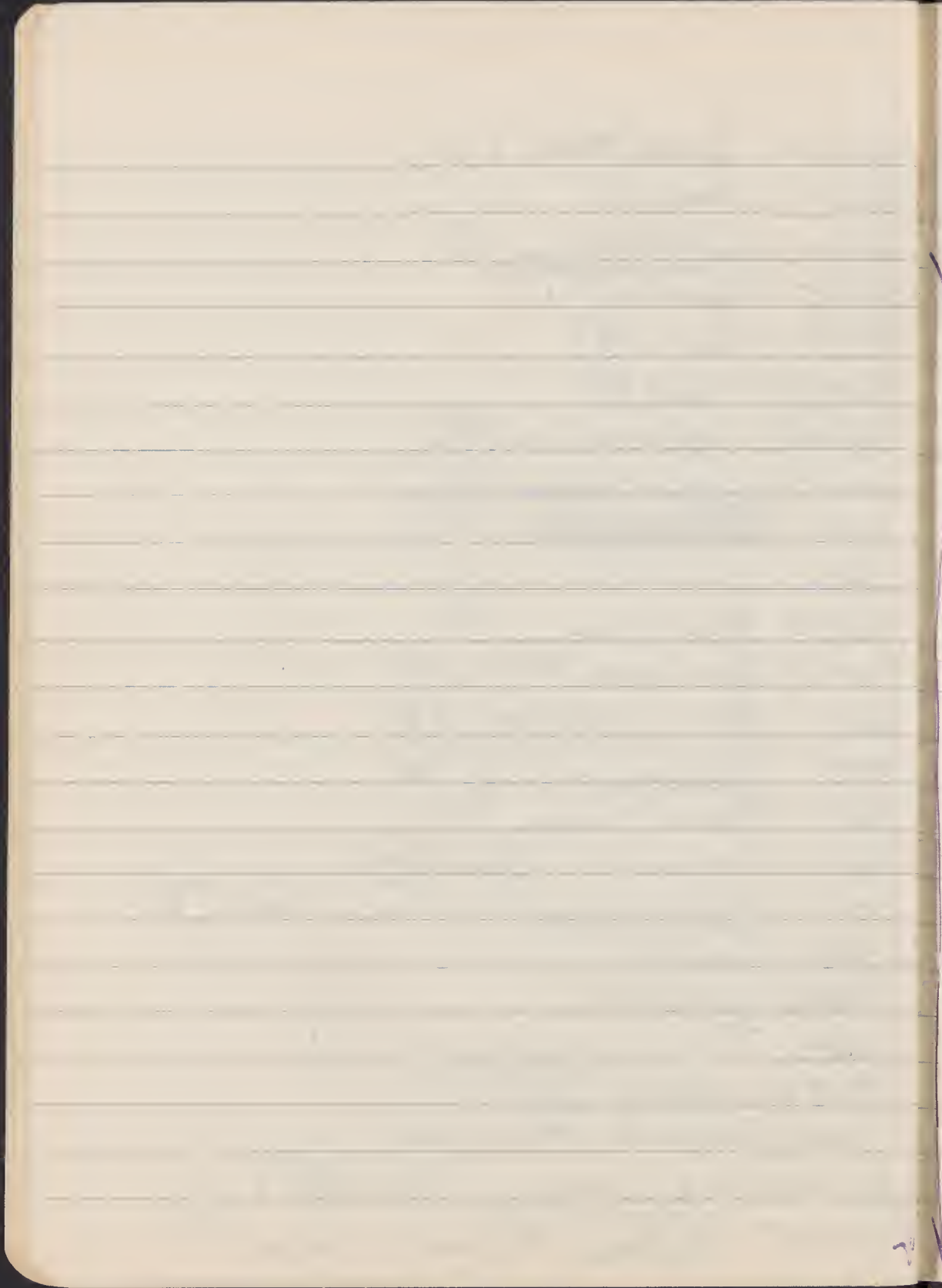
- 20079 *Methysticodendron Amesianum* (35)
20080 *Datura* fl. yellowish Bush. (12)
Paramo above Sabunday
20081 *Eupatorium* (4)
20082 Tree *Araliac.* (10)
20083 *Geranium?* (4)
20084 *Orchid. Terr.* fl. brownish (8)
20085 *Eric. Bush.* fl. white.
20086 *Trailing Rub.*? (4)
20087 fl. red. Bush. *Eric.* (3)
20088 fl. yellow. Ep. orchid (5)
20089 *Clethra?* Bush fl. cream. (6)
20090 *Pernettya?* Bush. fl. white (6)
20091 Bush. *Melastom.* (7)
20092 *Comp.* (4)
20093 Bush. *Melast.* (4)
20094 Sm tree *Wernmannia* (5)
20095 *Calceolaria?* fl. yellow. (2)
20096 *Comp.* fl. yellow. (2)



- 20097 Orchid. Fl. yellow (6)
 20098 Saurauia ornithophila (3)
 20099 Fern? (5)
 20100 Fern (1)
 20101 Fern (1)
 20102 Bush (2)
 20103 Begonia. Fl. red. (6)
 20104 Bush (1)
 20105 Bush, Melast. (3)
 20106 Orchid. Terr. Fl. brownish. (3)
 20107 Fern (3)
 20108 Bush. Solanum? (3)
 20109 Phytolacca (6)
 ✓ 20110 Fuchsia. Fl. red Bush. (2)
 20111 Grass. (6)
 20112 Herb (8)
 20113 Orchid. (1)
 20114 (2)
 20115 Fl. violet
 20116 (7) (3)
 20117
 20118 Bush. Cavendishia (1)
 20119 Vine. Fl. pink Passiflora
 20120 Bush. (4)
 ✓ 20121 Fern



- 20122 Bush. Red. (3)
- 20123 Fern (6)
- 20124 Antlerium (6)
- 20125 Bush. (4)
- 20126 Bush. (5)
- 20127 Bush (4)
- 20128 Cyperaceae (5)
- 20129 Cyperaceae (5)
- 20130 Bush (7)
- 20131 Fern (2)
- 20132 Fl. red. Vine (1)
- 20133 Bomarea. Vine. (2)
- 20134 Bush Meleat. (8)
- 20135 Peperomia. Sp. (3)
- 20136 Bush Comp. (4)
- 20137 Monimia. Bush (4)
- 20138 Hypocnemis fl. yellow. Bush (6)
- 20139 Grass (4)
- 20140 Selagin (4)
- 20141 Tree. Weinmannia. (2)
- 20142 Bush (6)
- 20143 Orchid. Fl. white.
- 20144 Helioscopia. Bush (4)
- 20145 Rubus. Fl. pink. Bush. (2)



20146 Clethra - Bush. (4)

20147 Bush. (7)

20148 Tree.

Paramo de Chusca

July 1953

20149 Puya. In swampy ground. Ht. 3-3 1/2 ft.
Fl. deep blue. (20)

20150 Trigonostema. In swampy ground. (3)

20151 Bush. 15 ft. Fl. deep purple. ^{Fl. black, sp.} Solanum

20152 Segetaria. Ht. 5 ft. ^{Fl. yellow} (10) ^{var.}
Fl. yellow. (8)

20153 Hb. Fl. purplish. (2)

20154 Habenaria (1)

20155 Fl. purplish blue. (3)

20156 Hesperis. ^{Fl. yellow} (4) (6)

20157 Prophala ^{Fl. yellow} (6)

20158 Hb. (2)

20159 Umbelliferae. ^{Fl. purple} ^{Fl. white} (6)

20160 Castilleja. Fl. orange-red (7) (6)

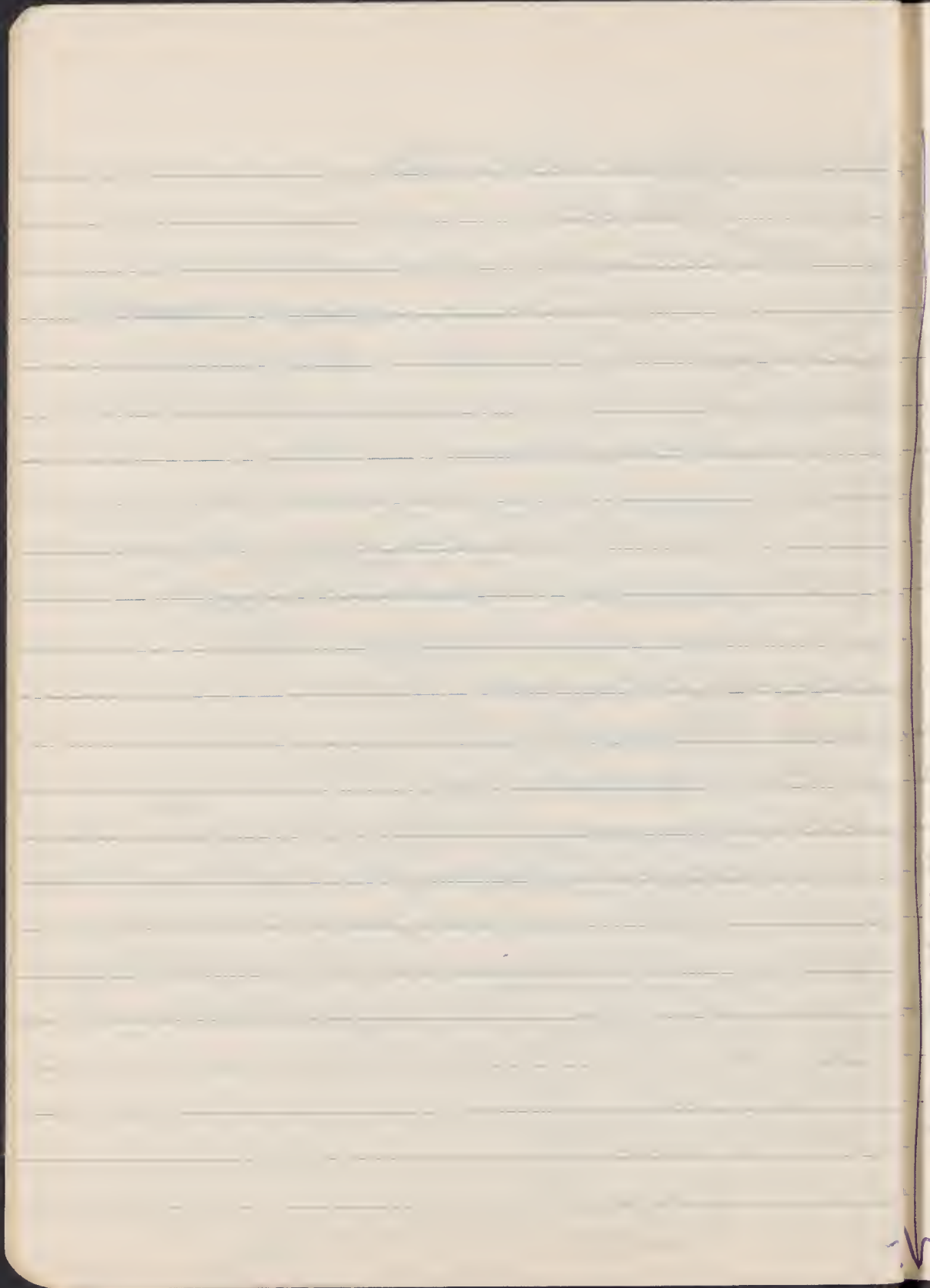
20161 In water, Fl. yellow. (6)

20162 Fl. white (4)

20163 Fl. violet (4)

20164 Fl. yellow (4)

20165 Fl. violet + white (2 colors) (6)



- 166 Hypocnemis? Fl. yellow (2)
 167 Cyperaceae, In swamps (5)
 168 Fl. red. In swamps (6)
 169 Zygopodium (6)
 170 In tree. Wrenwren Fl. reddish (6)
 171 Low bush (2)
 172 Fern (3)
 173 Zygopodium? (3)
 174 Hb. (6)
 175 grass (3)
 176 Grass (6)
 177 Sepiloba: Fl. yellow. Fl. white. Low plant. (8)
 178 Halenia. Fl. cream-white (2)
 179 Fl. blue. Tournefortia. Climbing (3)
 180 Fl. blue. Tournefortia. (3)
 181 Comp. Bush 4 ft. Fl. white (8)
 182 Bush (6)
 183 Fl. light blue. (5) *Moritzia lindneri* (A. DC.) Benth. Det. J. Miller 1996
 184 Grass (6)
 185 Fl. yellow (4)
 186 Herb. (5)
 187 grass (3)
 188 Herb. Swamps (4)
 189 Fl. blue (gentian?) In swamps (5)



- 20190 Fl. yellow, bracts (3)
 20191 Fl. yellow, (4)
 20192 Hypochaeris, Low bush, Fl. yellow, (5)
 20193 Hb., (4)
 20194 Fl. purple, (5)
 20195 Hb., (5)
 20196 Hb., (3)
 20197 Saxifraga, Fl. yellow, Hair silicles white, Ht 5 1/2" (10)
 20198 Saxifraga, Fl. heads dark red, (10)
 20199 Saxifraga Hb. silicles white, Low, 2 ft., Fl. yellow
 20200 Saxifraga, Ht. 3 ft., Fl. white (10)
 20201 Saxifraga, Ht. 6 ft., Hair white, (8)
 20202 Saxifraga Hb. yellow, Low Fl. yellow, (8)
 20203 Fr. red-brown (3)
 20204 Fl. white, (4)
 20205 Fl. white (2)
 20206 Ranunculus Fl. yellow
 20207 Paspalum, div. note

~~20208~~

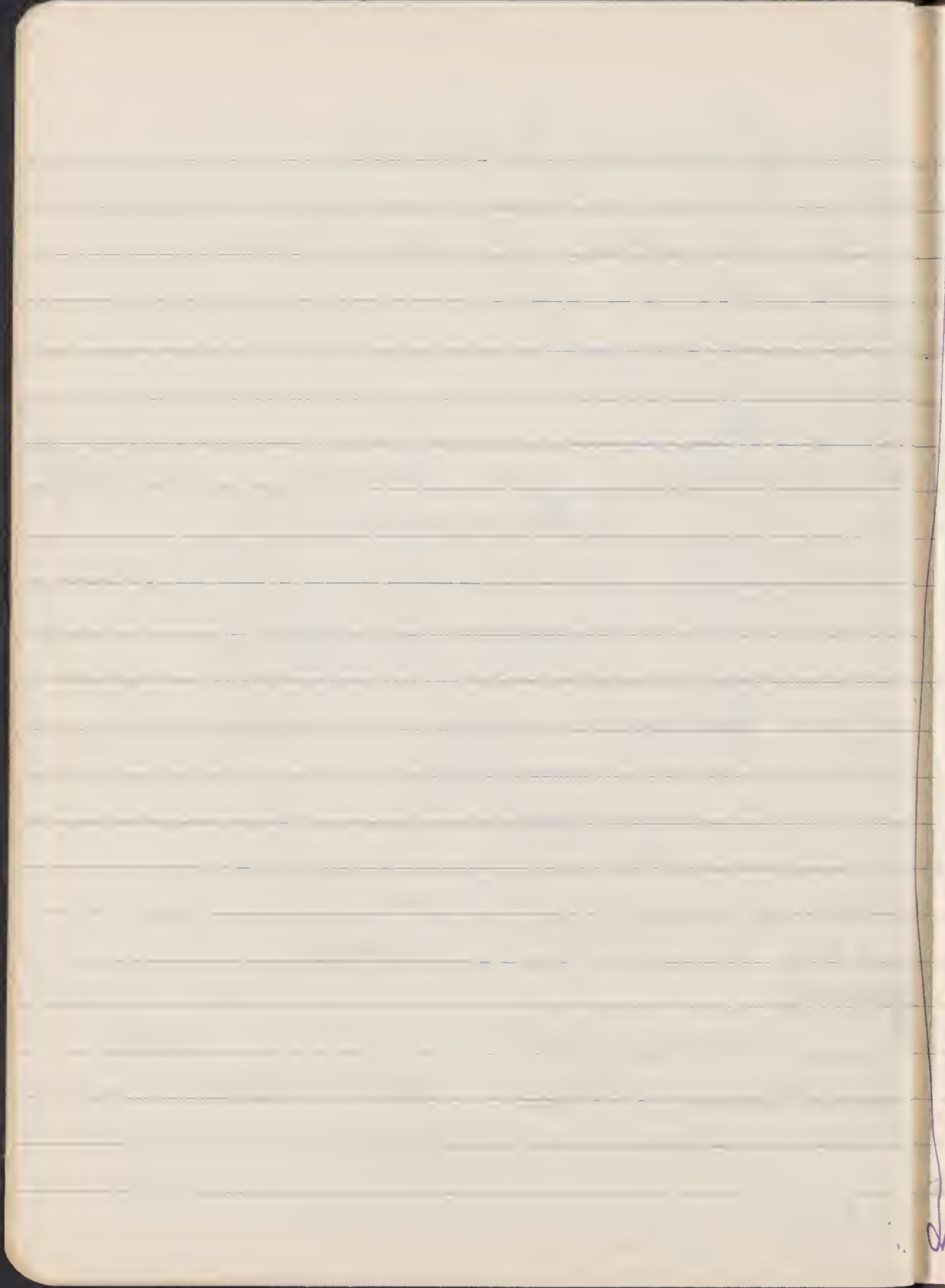
20209 Palmaria, Cult

Hieracium umbrosum July 1, 1953.

20209 Hieracium umbrosum

February June 30, 1953

20210 moss



June 1957

20211 Paramo de Chisacá
Moss On twigs

20212 On twigs

20213 On humus

20214 On twigs

20215 On humus

20216 On humus

20217 On twigs

20218 On bog

20219 Sphagnum

20220 On bog

20221 On wet ground

20222 On wet ground

20223 On black soil

20224 On shale

20225 On ground

20226 On black soil

20227 Sphagnum

20228 On ground

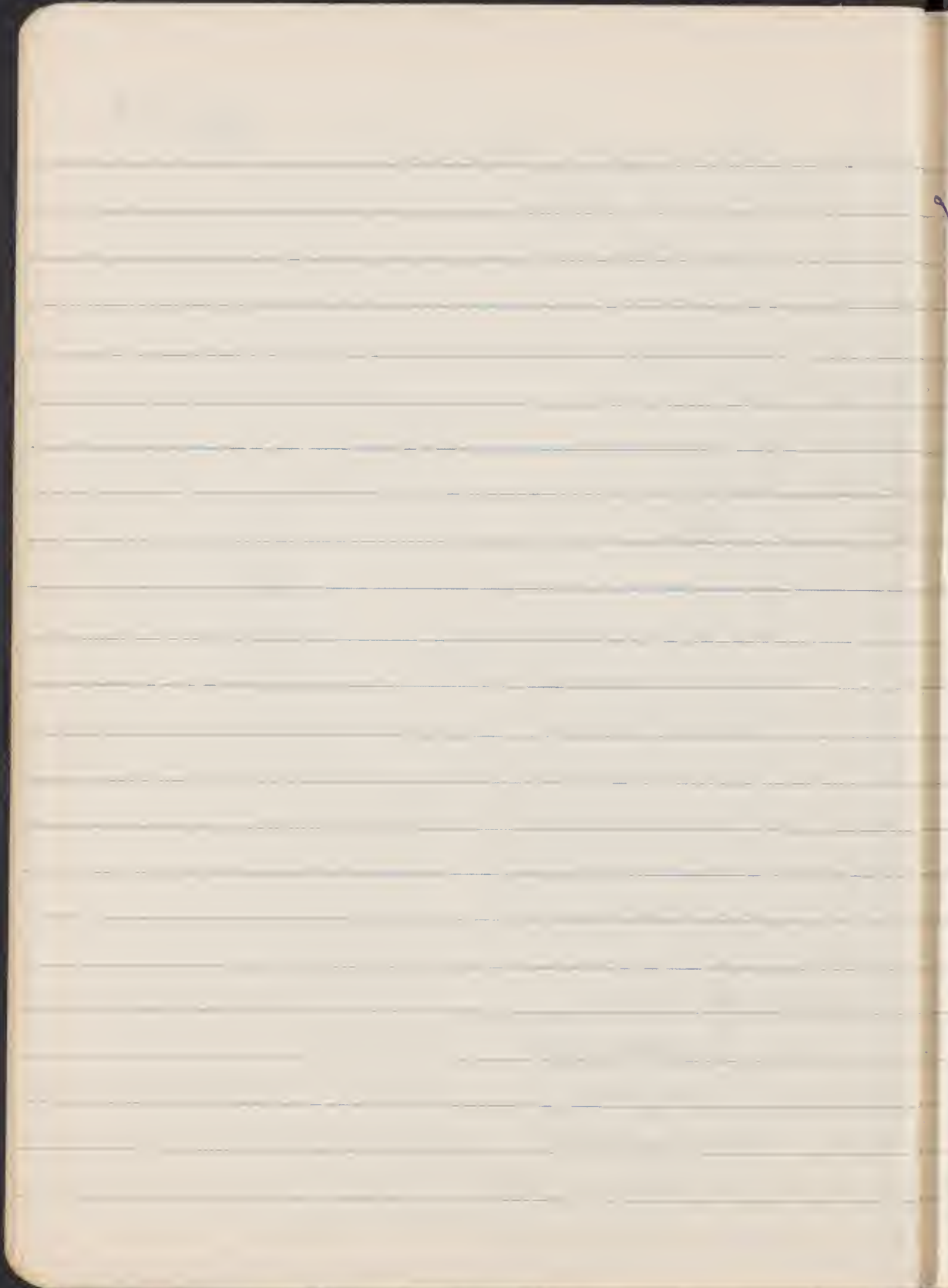
20229 On ~~cliff~~ cliff

20230 Sphagnum

20231 On ground

20232 On black soil

20233 On black soil



✓ 234 On wet soil.

✓ 235 On black soil.

Tequendama

20236

June 1957



Pat

Luani

T. S.

Kula

pekte

pa'te

bo-ti-d'-pa-nee

bo-re'-po

wa-fi'-ka-ë

a-bi'-ka'

a-bi'-ka'

we-ko'

ñee-mor'

ñee-man'

ñee-man'

pa-tee'

re-ë'

re-ë'

re-ë'

ney

mü-hee'

mü-hee'

mee-pi'

ev-pi'

o-lee'

o-lee'-f'

mo-no'

mo-no'

mü-no'

go

dee

dee

na-sün'

na-sün'

na-sün'

ö-ree'

ö-ree'

ö-re'

ua-sürü'-f'

fö

ma-ti'-na-
puch

ma-ti'-na-sö-fö

ma-ti'-na-sö-fö

a-bee'-ta

ee-gee'

ee-gee'

ö-sé'

ö-ta'-ñe-mee

ta-ra'-na-m

mü-no'

hee

hee

yo-ha'-ko-da

da-pee'-na-de

he-ya'

he-ya'

sé-na'

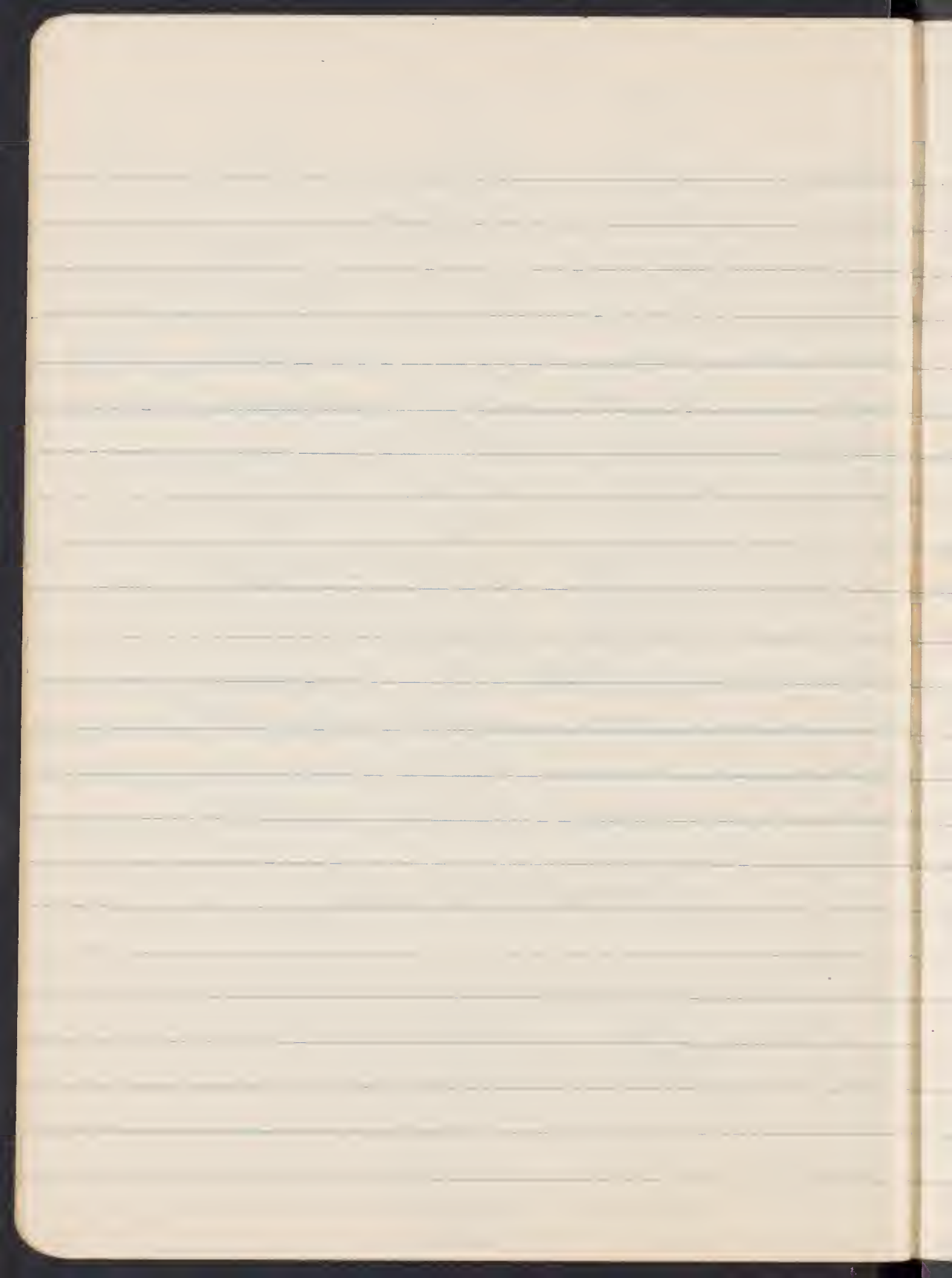
sé-na'

ka-sün'

ka-sün'

müñ

müñ



Kubeo inojó = é-chee'-dee

S S T
so-nai' see-mai' T₁

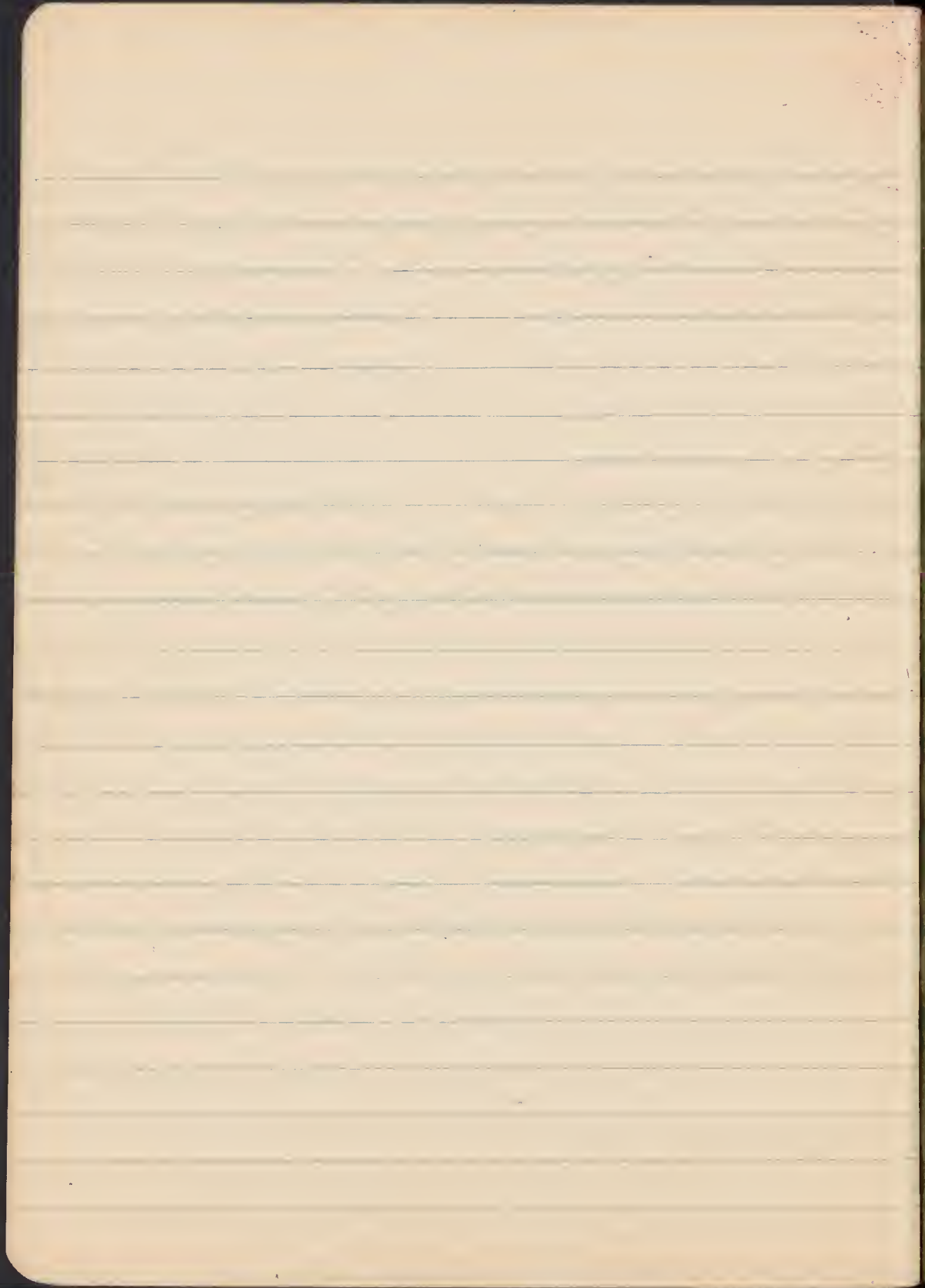
Kubeo
Kali

so-oo-de-ka

see-fo' see-fo' é-hoo'
see-ma' see-ma'

sa-tee' sa-tee' so-t'
fo-é' fo-é' puch-pe-a' pa-ka-oo
ö-fo' ga-pe' a-pi' hoo-see-fo
ka-a'-oo ka-a'-oo wa-hoo-oo

see wö-hi'-ka-oo
see-ho' ka-see-é'





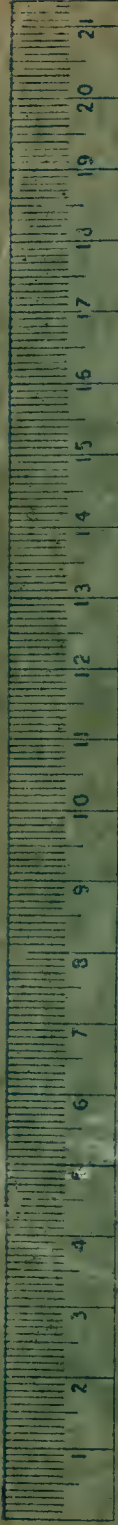


TABLA DE MULTIPLICAR

| | |
|------------|-------------|
| 1 X 1 = 1 | 6 X 1 = 6 |
| 1 X 2 = 2 | 6 X 2 = 12 |
| 1 X 3 = 3 | 6 X 3 = 18 |
| 1 X 4 = 4 | 6 X 4 = 24 |
| 1 X 5 = 5 | 6 X 5 = 30 |
| 1 X 6 = 6 | 6 X 6 = 36 |
| 1 X 7 = 7 | 6 X 7 = 42 |
| 1 X 8 = 8 | 6 X 8 = 48 |
| 1 X 9 = 9 | 6 X 9 = 54 |
| 2 X 1 = 2 | 7 X 1 = 7 |
| 2 X 2 = 4 | 7 X 2 = 14 |
| 2 X 3 = 6 | 7 X 3 = 21 |
| 2 X 4 = 8 | 7 X 4 = 28 |
| 2 X 5 = 10 | 7 X 5 = 35 |
| 2 X 6 = 12 | 7 X 6 = 42 |
| 2 X 7 = 14 | 7 X 7 = 49 |
| 2 X 8 = 16 | 7 X 8 = 56 |
| 2 X 9 = 18 | 7 X 9 = 63 |
| 3 X 1 = 3 | 8 X 1 = 8 |
| 3 X 2 = 6 | 8 X 2 = 16 |
| 3 X 3 = 9 | 8 X 3 = 24 |
| 3 X 4 = 12 | 8 X 4 = 32 |
| 3 X 5 = 15 | 8 X 5 = 40 |
| 3 X 6 = 18 | 8 X 6 = 48 |
| 3 X 7 = 21 | 8 X 7 = 56 |
| 3 X 8 = 24 | 8 X 8 = 64 |
| 3 X 9 = 27 | 8 X 9 = 72 |
| 4 X 1 = 4 | 9 X 1 = 9 |
| 4 X 2 = 8 | 9 X 2 = 18 |
| 4 X 3 = 12 | 9 X 3 = 27 |
| 4 X 4 = 16 | 9 X 4 = 36 |
| 4 X 5 = 20 | 9 X 5 = 45 |
| 4 X 6 = 24 | 9 X 6 = 54 |
| 4 X 7 = 28 | 9 X 7 = 63 |
| 4 X 8 = 32 | 9 X 8 = 72 |
| 4 X 9 = 36 | 9 X 9 = 81 |
| 5 X 1 = 5 | 10 X 1 = 10 |
| 5 X 2 = 10 | 10 X 2 = 20 |
| 5 X 3 = 15 | 10 X 3 = 30 |
| 5 X 4 = 20 | 10 X 4 = 40 |
| 5 X 5 = 25 | 10 X 5 = 50 |
| 5 X 6 = 30 | 10 X 6 = 60 |
| 5 X 7 = 35 | 10 X 7 = 70 |
| 5 X 8 = 40 | 10 X 8 = 80 |
| 5 X 9 = 45 | 10 X 9 = 90 |

MEDIDAS DE LONGITUD

| | |
|------------------|-----------------|
| 1 pulgada (inch) | 25,4 milímetros |
| 1 pie (foot) | 304,8 " |
| 1 yarda (yard) | 914,4 " |
| 1 milla (mile) | 1609 metros |

PESO

| | |
|------------------|-----------------|
| 1 onza (ounce) | 28,350 gramos |
| 1 libra (pound) | 0,453 kg gramos |
| 1 cwt | 50,8 " |
| 1 tonelada (ton) | 1000 " |

TEMPERATURA

grados Fahrenheit menos 32 x 5/9
 grados centígrados

grados centígrados x 9/5 más 32
 grados Fahrenheit

MEDIDAS CUADRADAS

| | |
|--------------------|---|
| 1 pulgada cuadrada | 6,451 centímetros cuadrados (square inch) |
| 1 pie cuadrado | 0,093 metros cuadrados (square foot) |
| 1 yarda cuadrada | 0,836 " " (square yard) |

MEDIDAS DE CAPACIDAD

| | |
|-------------------|--------------|
| 1 gill | 0,142 litros |
| 1 pinta (pint) | 0,568 " |
| 2 pinta (1 quart) | 1,136 " |
| 1 galón (gallon) | 3,785 " |
| 1 peck | 9,091 " |
| 1 bushel | 36,367 " |
| 1 quarter | 290,941 " |

MEDIDAS CUBICAS

| | |
|------------------|---|
| 1 pulgada cúbica | 16,387 centímetros cúbicos (cubic inch) |
| 1 pie cúbico | 0,028 metros cúbicos (cubic foot) |
| 1 yarda cúbica | 0,764 " " (cubic yard) |