





Tritaxis

Striga

Tephrosia (white fl.) procumbens

✓ Physalis minima

Oserodendron

✓ Biophytum sensitivum

Emilia

Commelina (paleata)

long narrow leaves

✓ Melasthia heterophylla

[Faint, illegible handwriting on lined paper]

11

11/2

10

11

11/3

1. Rhamnaceae family thorn bush 98030309

162

Zizyphus senolia

Labiatae

adocendans (almost certain)

2. Ocimum with cup shaped persistent ^{upper} under? sepal

11/24

whitish purple, stamens 4, 2 long 2 a little shorter. All lobes as long as corolla style bifid. leaves toothed.

leaves 1/2" - 1" long serrate apex blunt ^{base} ~~apex~~ tapering glabrous except nerves

Labiatae

3. ? Ocimum white fluffy flower spike upright prostrate.

108

Geniostoma prostratum

4. Cream flower creeper Nisan's garden N. leaf
Bridgway back of AR's room round

112

Tinospora cordifolia

Menispermaceae

5. 7 lobed leaves white involucre flower.

11/36

Sponola Per-tigridis

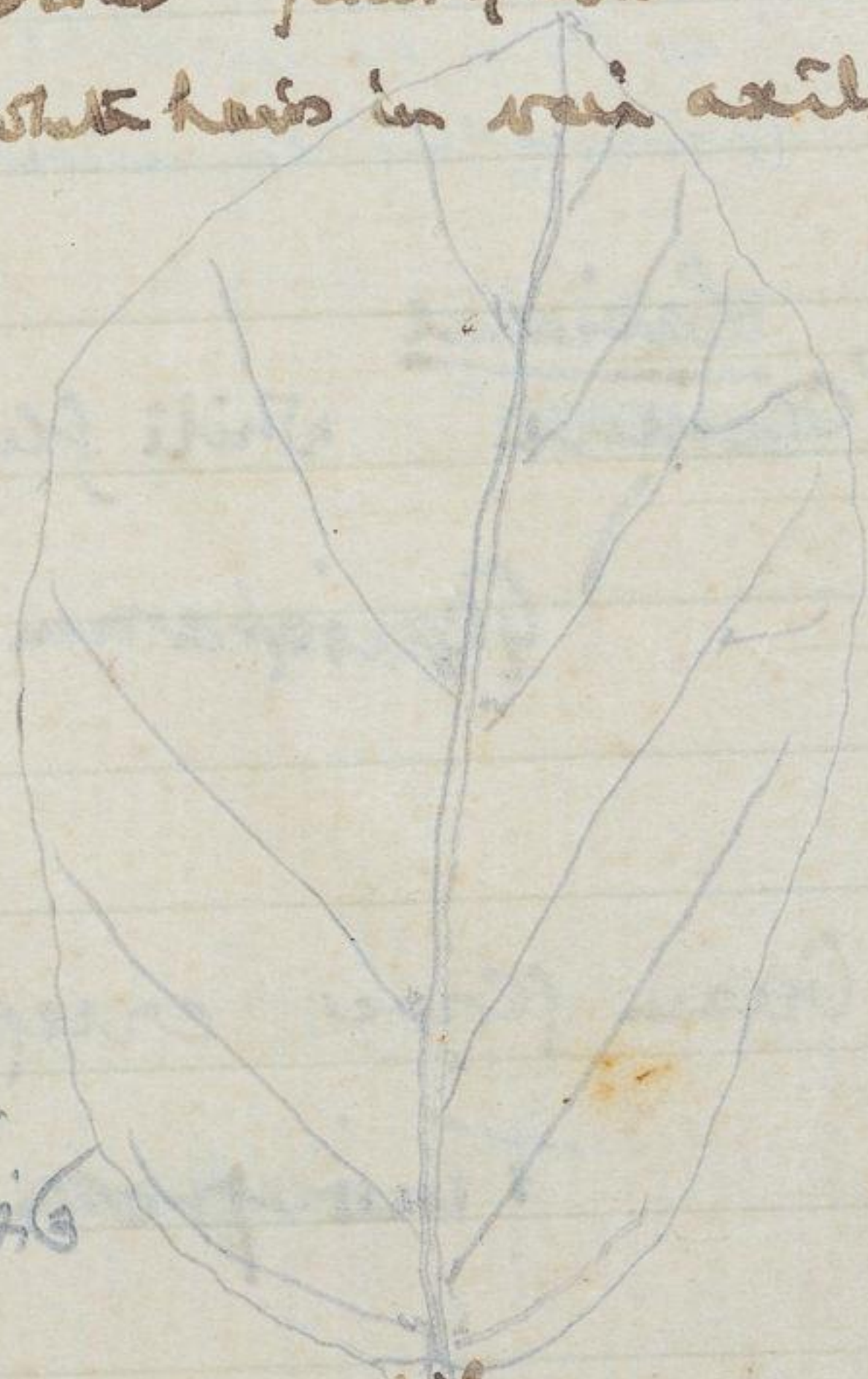
see Mupp Rough Book

No 41

6. Tiny prostrate herb spreading from central root
 on foundation of new stems used Euphorbiae?

7. Rubiaceae ~~No Hymenoclyon excelsum 589~~
 large tree. ~~mitragyna parviflora~~
 Near of ~~synthesis~~ ~~on~~ ~~is~~ ~~an~~ ~~shrub~~
 Bark light grey. ~~Since cut down~~

Leaves opp. petioled. Glabrous finely reticulate
 interpetiolar stipule white hairs in vein axils.



Shrub

S.W. edge of hill in valley
 near a big tree on edge of forest
 Eucalyptus - Vallart Rd at entrance
 to a pretty hedged narrow forest



in clusters
 or many
 fruit beginning to form

361245

reddish
 stalk leaf 5 glabrous
 white in vein axils

Tree

8. ? Acacia leucophloea (2) NNE of Nendy 4 miles @ Mis Tauld
in an open field.

branches drooping. 15ft high?

Leaves bipinnate, pinnae up to 8 pairs
leaflets up to 20 pairs v. small. grey green.

Thorns low thick stipular pairs long (red brown new
branches) short straight.

Pods, flat strap like (12 seeded) covered with rusty
brown (stellate?) tomentum. M 137

T
84

9. Menispermaceae?

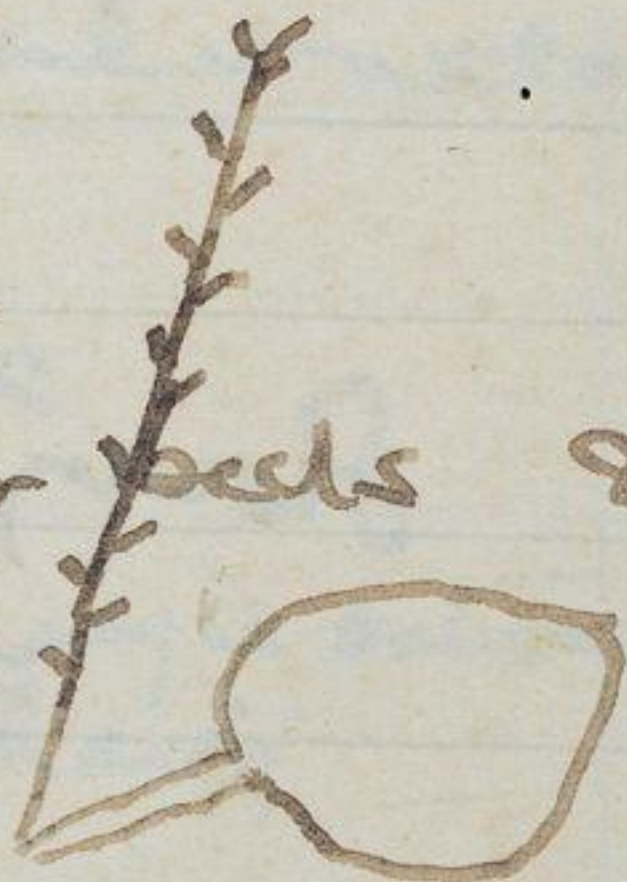
Creepers

Cocculus hirsutus

சிந்தாமணி

v. thick cordate ^{fleshy} leaves alt.

long spikes of fleshy cream buds &
flowers in leaf axils



in hedge NW corner, by well
N of Silo. Opp entrance to W Farm

II
21

sepals 4
petals 3



5 stamens
+ 3 style

⊕ drupe green
turning black
shining, smooth

Aeschynomene indica

Papilionaceae

10

Leaflets 28 pair or more & small
leaves alternate.

Flowers - single on short pedicel

persistent sepals corolla yellow with
red lines. Keel shape a flower. $\frac{1}{4}$ " flower

Small plant growing in wet mud by paddy
lands.

calyx glabrous, stem woody slender
two-lipped.

stem prickly
blunt

wing petals large ~~but shape~~ keel small
stamens 1 + rest joined. 3 fl. in axil $\frac{1}{3}$ " fl.

keel with
red silo.
protruding
between seeds

Cucurbitariae

Sapindaceae

Growing in J's trial plot.

in Suthiavaran's Jdn. old manuscript

Cardiospermum halicacabum

Brown family, see seeds

178

11

166

12

Papilionaceae

Flowers, single yellow standard ^{or dark purple} black spotted
in leaf axils

leaves alt. comp. leaflets up to 12 pairs ^{paripinnate}

pod cylindrical, v. long, not constricted between
seeds - 6 1/2" long, v. narrow.

a 9/10 size of *Tephrosia* Purp.

stamens a group + 1 separate. (inbud)

Gonosiphis near *Farm* (E)

13

Sida

Malvaceae

woody exactly like M.G. *Malvaceae*

♥ leaf 2 lobed with a point in angle between lobes
under surface densely hairy
calyx hairy

BUT the flower is pale yellow. ~~Otherwise it~~
is exactly like *Sida Schimperiana*. M.G. p. 38.

near Boat Shed on bank
of Malaineri Tank.

14
10

14

Lepidagathis scariosa 1068. Acanthaceae

Leaves opp. 2 1/2"-3" stalk slightly winged. ^{Entire} A. G. B. hairy

Flowers in terminal cluster in ^{four} leafy ^{pair}

many upper lip trifid pale lilac with dark purple streaks

stamens 4.

lower boat shaped whitish

calyx 5 toothed, large toothed, bract above it.

W. of W. from path by D. S. D. where slip
down into the lane.

11
55

15.

Leguminosae

^{slender}
A climber with racemes of small white flowers.
Leaflets

Just outside N.W. corner gate of
Arundinaceae Vane enclosure
S. of path

16.

Leguminosae

^{strongly}
A climbing Indigofera.

Indigofera subulata

169

17.

Thorny climbing bush

Cappariaceae
Celastraceae



Thickish alt leaves $\text{5.5} \times \text{4} \text{ cm}$

Opp pairs of decurved thorns
in axil of which branchlets spring

flowers 8-10 terminal \star spongy from
common stalklet sepals 4 petals 4 stamens 20?
pale yellow

1 stamen

32

Capparis sepiana

18

Greva

Tiliaceae

Common straggling shrub in hedges

Alt leaves 3 nerved, tomentose below, hairy (short) above, serrate

Flowers in cymes opp leaves or in leaf axils

6-8 in a head petals cream small
sepals green or cream
stamens very many.

fruit deeply lobed 2 or 4 per white.

V.C. Arana 5/10 @ 1000 ft in hedge. Sand

II
17

19

Hemidesmus indicus

rat pubescens

825

Asclepiadaceae

Milky juice

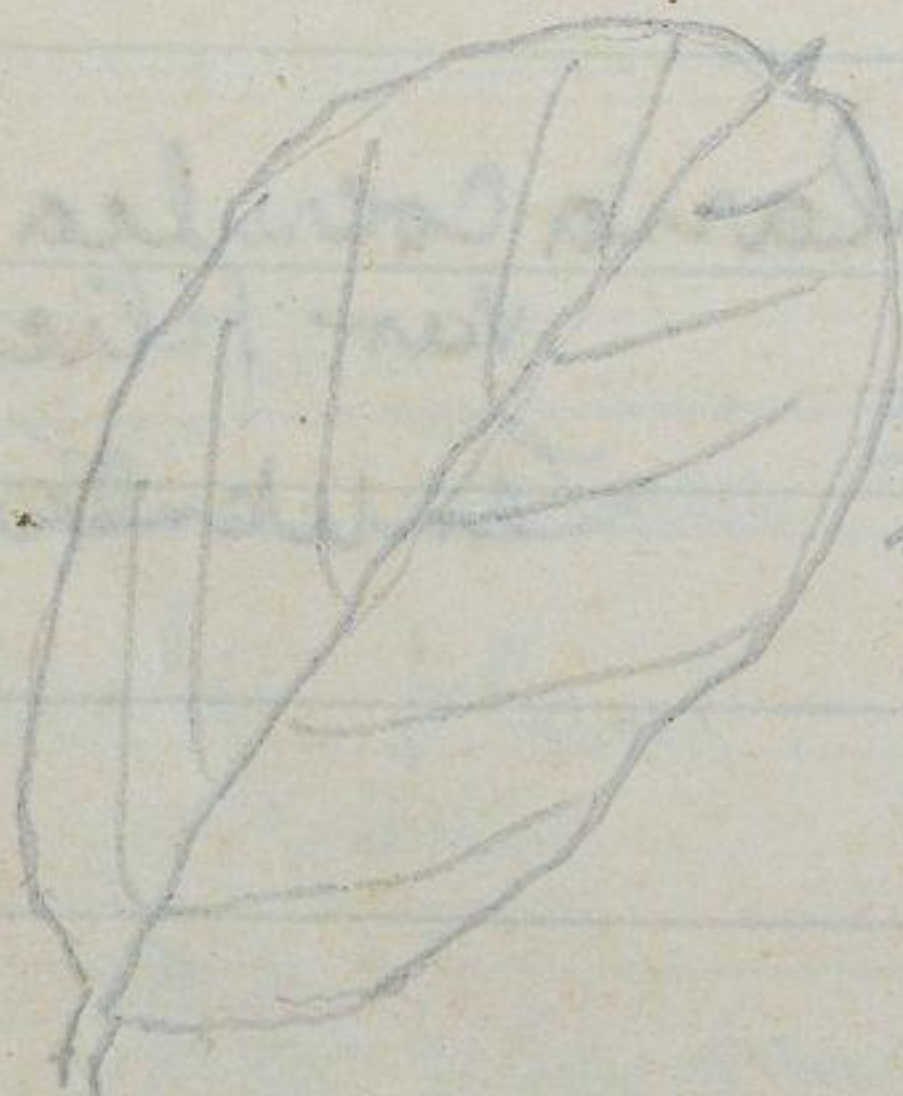
ALT softly tomentose on both sides. Wavy edge

Flowers in leaf axils in small almost
sessile bunches. P from abn outside green
inside deep purple, cream scented pistil

Staminal column

in Gosity in hedge N.W. of Beekives.

II
35



Agave americana 1505 Amaryllidaceae

20 ✓

Aloe in hedges.

174

Natural Dry Subtropical America. Shiny tough fibres obtained from the leaves.

21 ✓

Cereus ~~erecta~~ ^{hexagonus} (Hexagonus N. G. (135)) Cactaceae
Cactus with beautiful white fls in buds

175

Natural W. Indies.

22 ✓

Pandanus ~~distichus~~ ^{tectorius} 1570 Pandanaceae

Screw pine.

In myg
In 1810 45

M.G. XXVI D (297)

23

Bladderwort ✓ Utricularia coerulea
var. filicaulis
Lentibulariaceae

II
3

(Peak Tree. G.P. 81)
(Clarendon M. G.P. 82)
(Jok. p. 88)

24

Pseudartia viscidula

3 ✓

Leguminosae

(177) ✓

near Kohler's Tent.
racemes of dark red fl. in axils of upright

leaves 3 or 4 leaflets 3, lower down upright
not among the flowers. Racemes spring from leaf axils.

fruit all covered with viscidous hairs

Malvaceae

25.

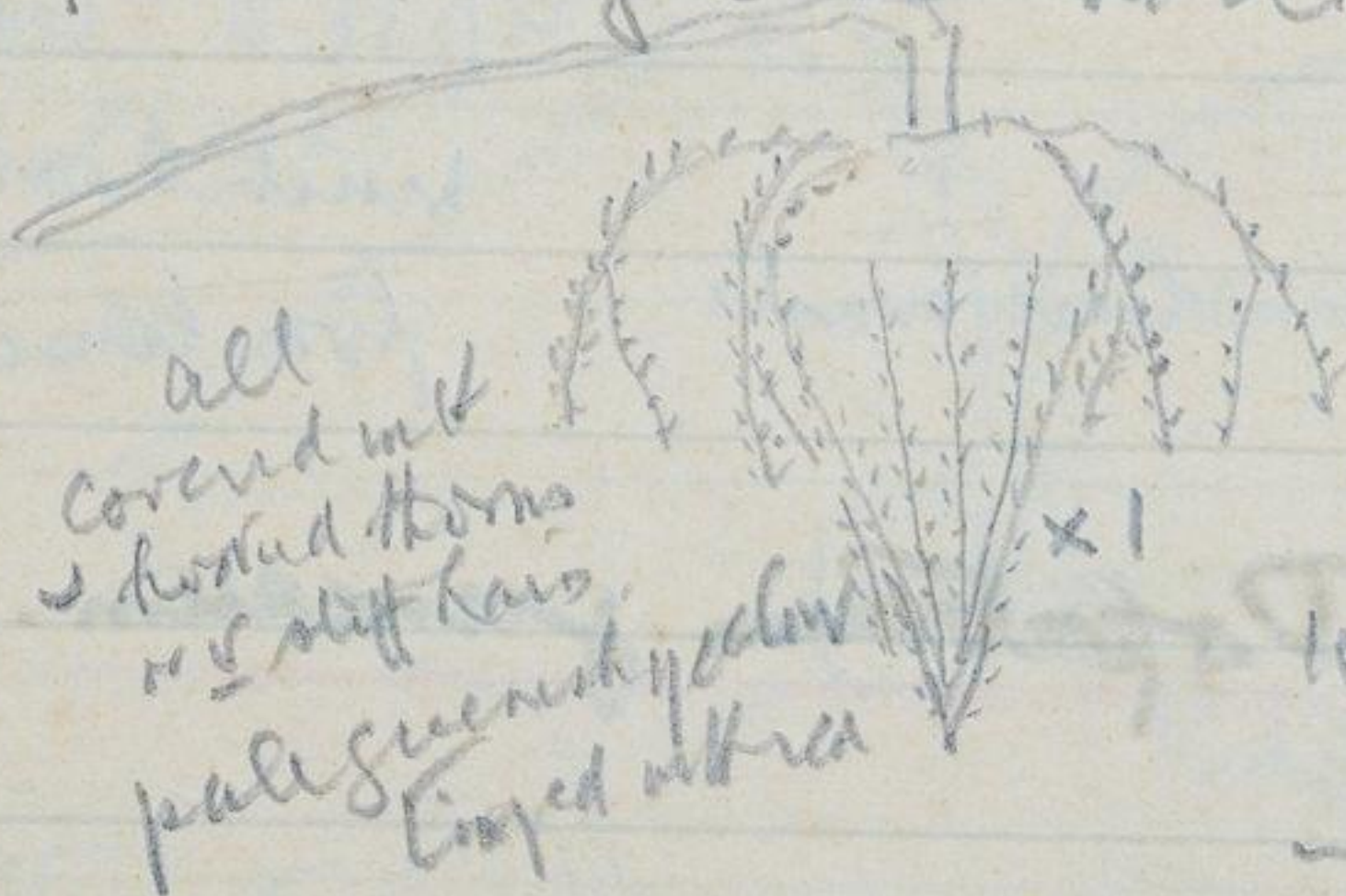
Hibiscus Surattensis 97. ✓

leaves in alternate bunches 3 or 4
on long stalks

fruit in leaf axils in long stalk

fl. large yellow with red at base of petals

(182) ✓

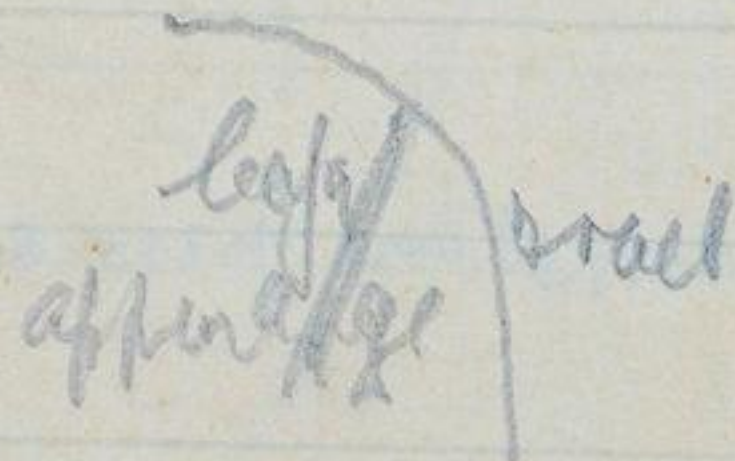
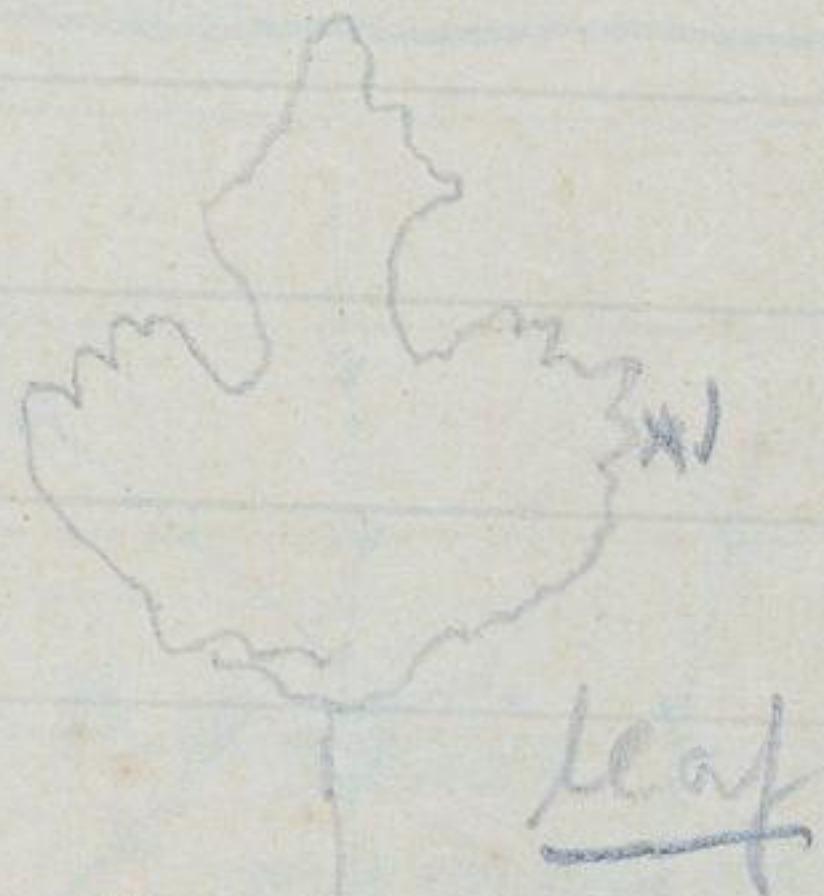


all covered with hooked thorns
no stiff hairs
pale greenish yellow
lined with red

10 valves

5 opening

10 double bracts involucral



Some leaves 5 fingered

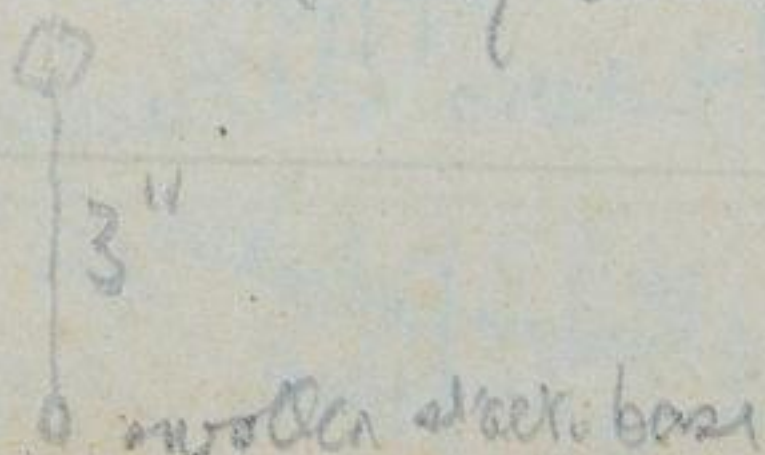
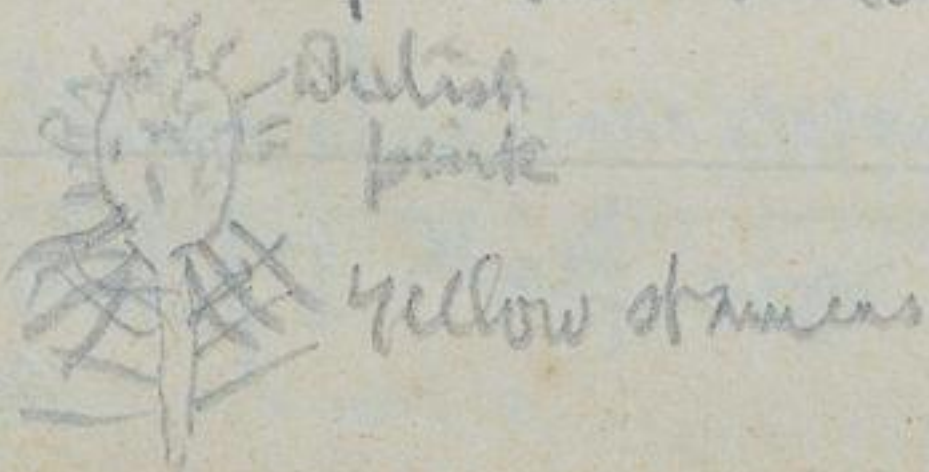


26

? Neptunia oleracea

Leguminosae Mimosa

water plant. with mimosa cylindrical flower



M.G.S.D (105)

27

Acacia latiorum

Acacia

large white horns of grass



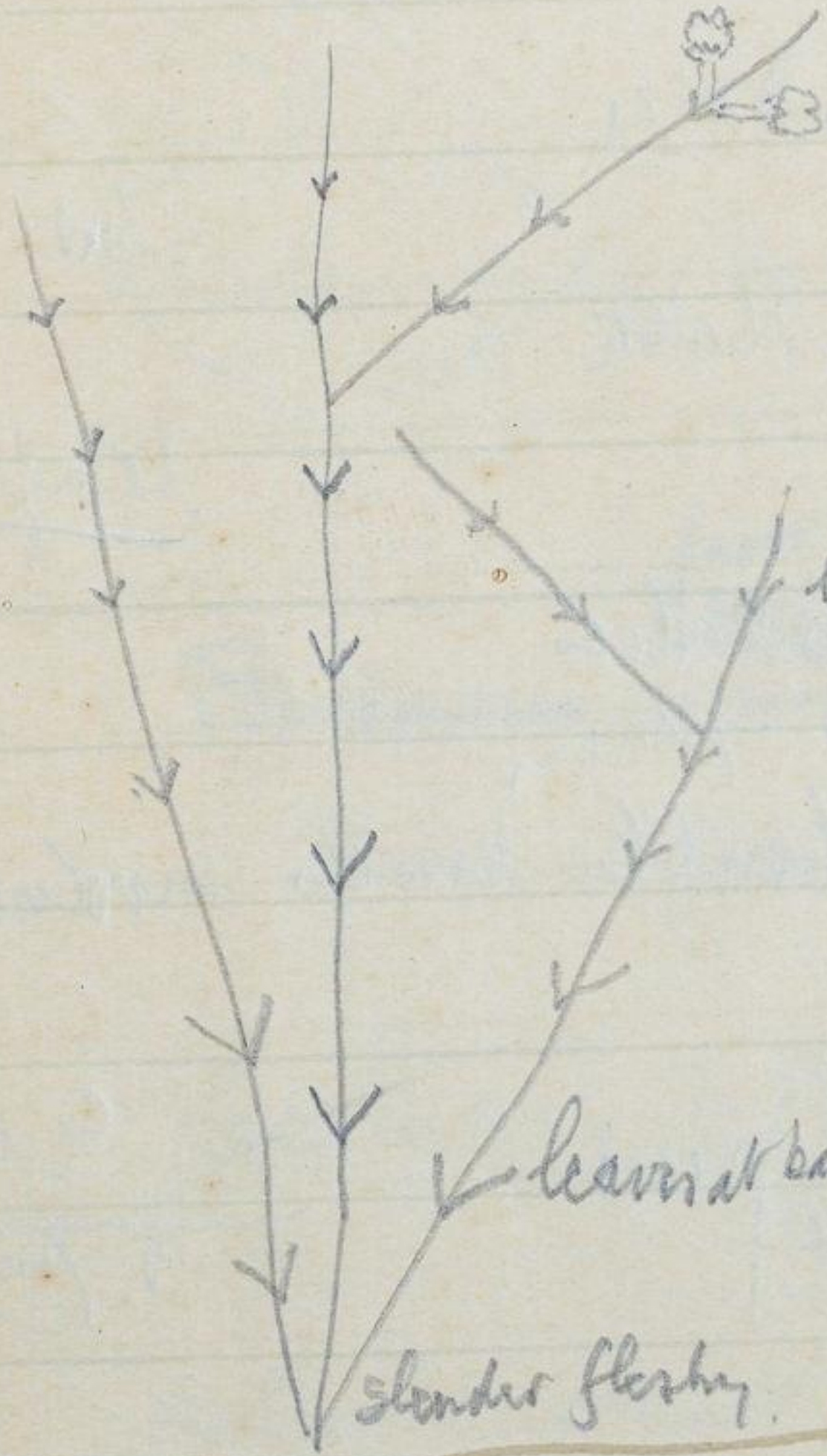
seed
reticulate
flat

~~Acacia latiorum~~

perhaps?

28

Scrophulariaceae



pink, in leaf axils

upto 8" tall
much branched
from base

Dopatrium griseum

(II/5)

29

Rotala densiflora

Lythraceae

Rotala
of Burma

Leaves opposite
decussate flowers in axils small nodal
*xl. rose pink 5 petals sepals (pink) 5
stamens 5

outlet since due W. end of Kadambodua
river of Burma

30

Cassia lora six leaflet ✓

fl small paddy field
pod v long then curved

31

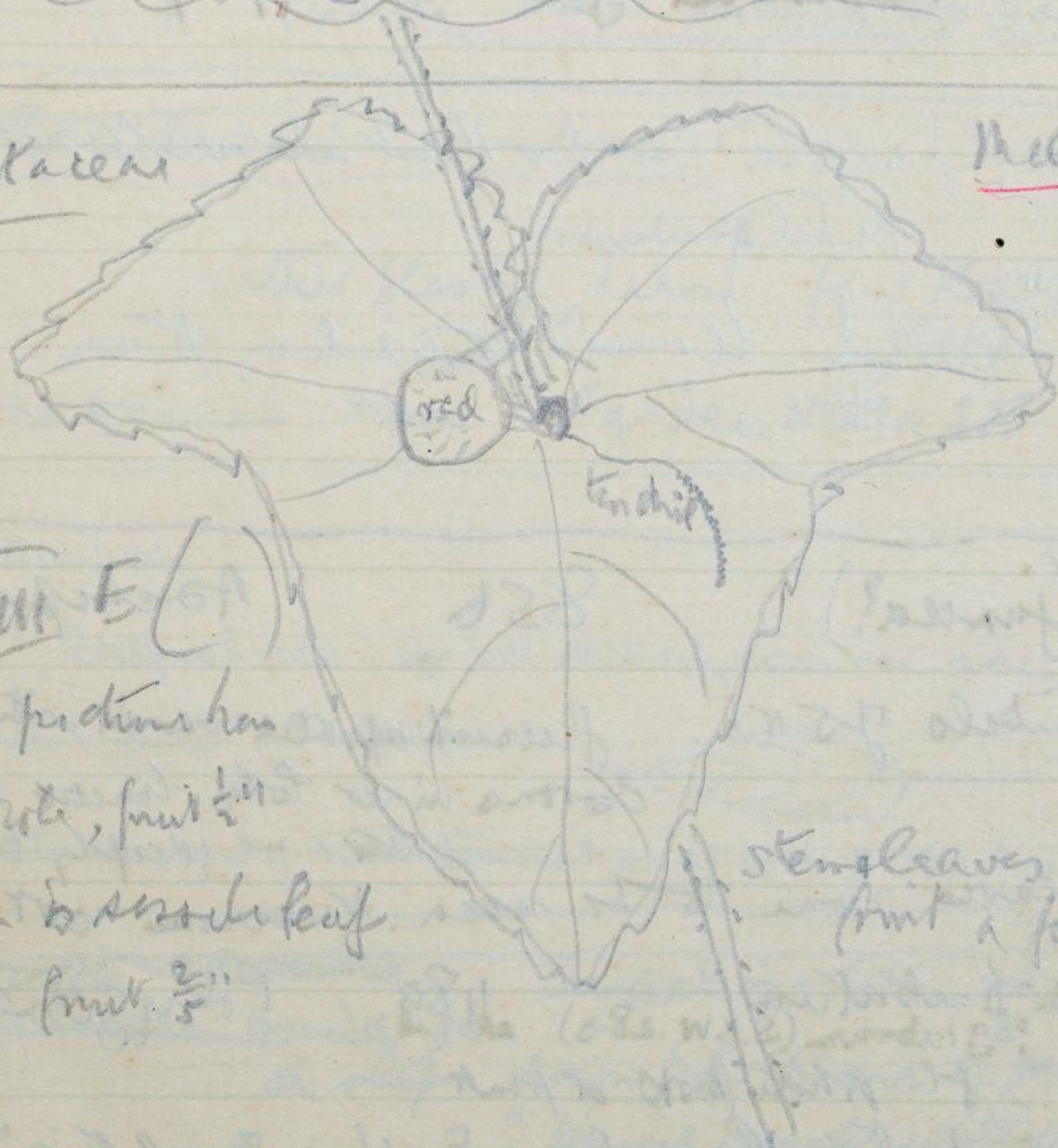
Abutilon gaurum 91. Malvaceae

corolla 2" pure golden yellow
fruit densely silky (grey)

East of hedge of Suntara Yang

32 Cucurbitaceae

Melothria
maderaspatana ✓



fruit subsessile
leaves sessile

MG. XII E (1)

except peduncle has

leaf petiole, fruit 1/2"

specimen to sessile leaf

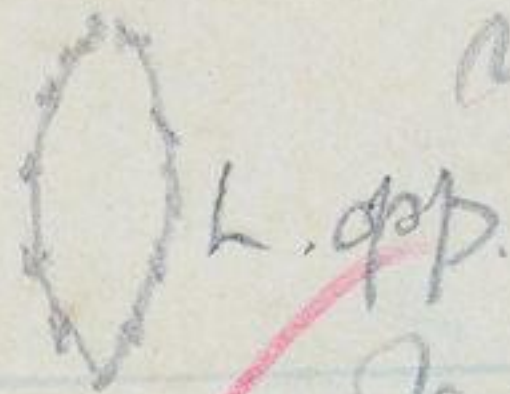
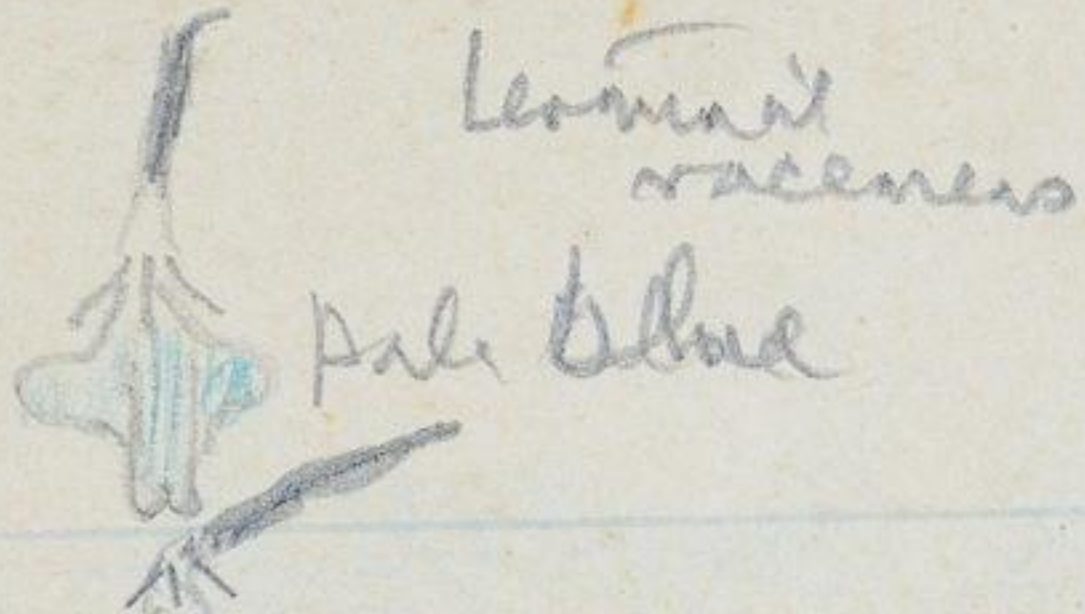
fruit 2/5"

stem leaves above & below scabrid
fruit a few scabrid white hairs

of hedge

8 242
Panbu

33
 11
 12
 ✓
 1 stamen
 2 upper purple
 2 lower stamens
 also

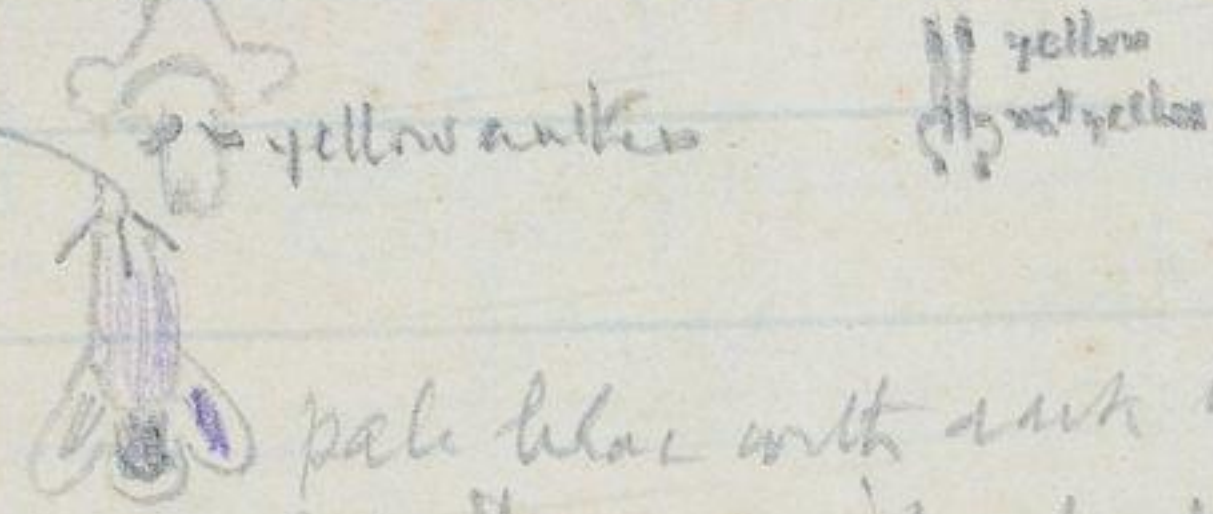
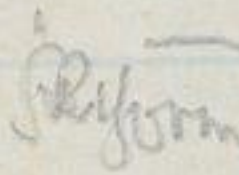


very conspicuous
 plant

952

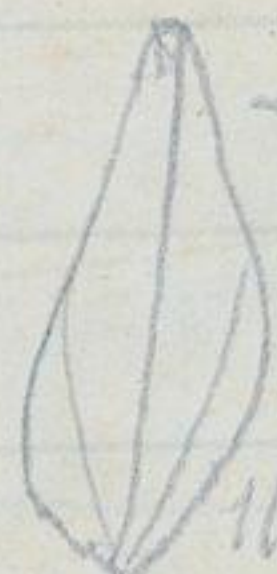
Glysanthe oppositifolia

34 2
 76
 ✓



pale blue with dark blue markings
 axillary simple pedicel 1" filiform

Glysanthe hypsoptoides



three ribbed from base
 serrate

upto 8"

upland
 plant

35 3
 13
 14
 ✓

brown
 white + calyx white soft hairs

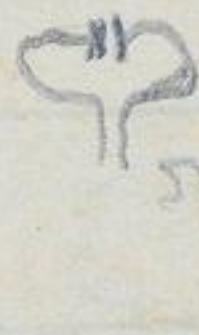
low diffuse

Stamens did.
 2 upper anthers with
 2 lower with arch filament

Pandellia Pyxidaria 959

36 4

red purple flower that doesn't open
 fully



terminal & axillary hairs

37

Ceropegia juncea?

856

Asclepiadaceae

umbels 75 or 6.

greenish speckled venia with purple & pink,
 Corona inner lobes linear hooked
 outer " deeply bifid, hairy.

leaves none to be seen. Numerous root.

38

Polygonum? barbatum
 glabrum (S.W. 283)

1189

Polygonaceae

fl. white (or pink)

In water channel on S side of Smpulak via land
 leading to Vadrath's muthil tank.

Growing in the water
 stipula (= ocreae) 1/4" long tubular strigose with very long cilia on mouth

39.

Long thin leaved plant in damp tank beds especially
W + N ends of Puliakunthi tank. Cattle won't
eat it. flower? Tamut tam 5) on 1/19
a grass??

40

Purple Aneilema

Commelinaceae

In rice fields at edge of small paths through them

41

Aerva ?



leaves opp. linear flowerheads 3" long
very many with a purplish tinge
stem reddish.

In Paddy land. Small tank S of Puliakunthi
from the sluice in it 2-300 yds Ewards down sn. n.

42

Oldenlandia corymbosa ?

Rubiaceae

11/15

rather fleshy ^{smallish} leaves few flowers, terminal & axillary
white.

at Anumei woman. Ngathu Nela sits

6/43

43

Bermin

half whorls with stalk only down one side fl. small pink

Flower spike 2" long



aromatic +

Flowers, spikes most terminal or at ends of opp branchlets.

44

Cypripedium
Lanuaea pumila

Dandelion-like small ⁷³⁸ Compositae

on slope down from N end of Malaveri tank,

? beyond small water course, a number of
prostrate plants

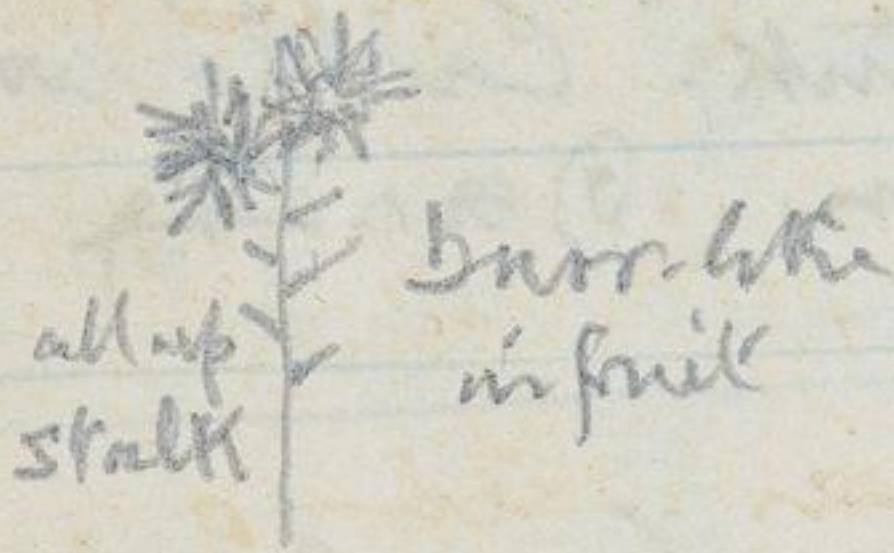
Stems 14 ligulate flowers in one head. yellow.

23.1.45

11/75

AMARANTACEAE in JOHNNAVUR,

1.



PUPALIA
tappacea

2.

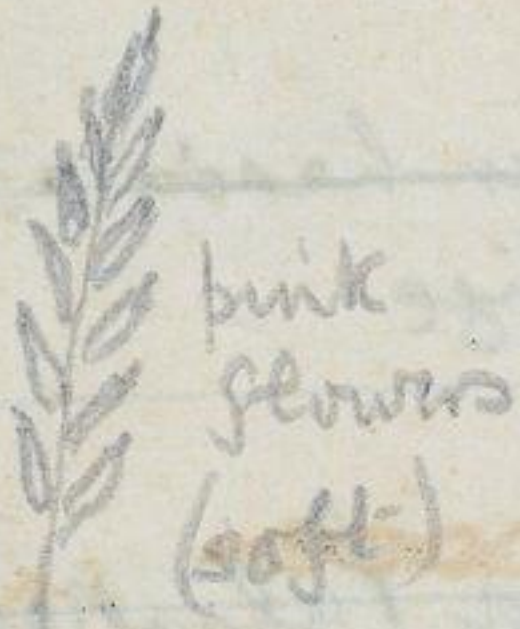


ALLMANIA
modiflora

3.



3.



CELOSIA
polygonoides



CELOSIA
argentea



Prosopis spicigera 419 J. J. Mumis


Acacia

NNE of Puliankulan

Bank 2-300 yds from No 8

No 5

Thorns few.

Pods ~~seeds~~ up to 6" long swollen  section

constricted here & there between seeds. Pods had all fallen by June.

Leaves bipinnate 12 pairs more like Tamarix leaflets

color at the acacia. They do not fold right up at night or when pulled

Bank yellow brown

(T 85)

Acacia arabica
Farnesiana
planifrons
leucophloea
katonum

Babul ~~acacia~~ sad
Guzguz
umbrella like Murrh pod ciliate.
Grown 100 yds
very large white thorns.

