HERBS
and
SHRUBS
on the plains.

BOOK I

The rain is over and gone; the flowers appear on the earth; the time of the singing of birds is come.

S of S. 2:11,12.

November 1940.

Sylvia Bepler

Book of Reference

F.M. = Fyson's Madras Flowers, Plate No.

M.G. = Madras Govt Museum Bulletin, Plate No.

M.G.S. = Supplement to above. Plate No.

E.B.I. = Elementary Botany for India. K. Ranga Achari. Page No. Edition 2 of 19

J. = Jeevalia Pressed Flower Collection.

F.B.I.B. = First Book of Indian Botany (Clive). Macmillan 1907. Page No.

M.G (223) = Book as above Page no in text.

F.E. = Fyson & Ekambaran First Book of Botany for Indian School Page No

F.C.L.S. = Fyson, Botany for India C.L.S. Page No

E.B.T. = Elementary Botany in Tamil. K. Rangacharier. Page No.

S.S. = Some Sault Indian Weeds. C. Tadulingam Page No. (plates)

Number at top right corner = Gamble Page No.

Vol I. pp. 1-578

II pp. 579-1340.

III pp. 1347-

F = Fyson. Nilgiri + Pulney Hills. Vol II. Plate No.

G.P. = Glimpses into the life of Indian Plants. J. Pfleiderer. Page No.

INDEX

Individual Species		pp. 1-185
Index acc. to Botanical Families		pp. 86-191
Index acc to page nos.		pp. 192-201

1080.

JUSTICIA PROCUMBENS

Acanthaceae

Fl. Pink Purple (occasionally white)

Fr.

Leaves.

F.M. 2. M.G. ~~XXVII~~ (223) A. J.

2

1079

JUSTICIA GLAUCA. Acanthaceae

Fr. Pink Purple.

Fr.

Leaves

1

1178.

AERVA LANATA

Amarantaceae

Fl. Woolly white.

Fr.

Leave.

S.S. 272

F.M. 47. M.G. (239) J.

4

41.

Capparidaceae

CLEOME VISCOSA

Wild Mustard.

Fl. Yellow

Fr.

Leaves.

S.S. 68.

F.M. 4. M.G. II. D.(27) J. F.C.S. 43, 283.

41.

CLEOME MONOPHYLLA. Capparidaceae

Fl. Pale Purple

Fr.

Leaves.

M.G(27) J.

6

923.
Convolvulaceae

EVOLVULUS ALSINOIDES

F.r. BLUE. (occasionally white)

Fr.

Leaves.

S.S. 204,

F.M.5. M.G. XXII (192) D. J. F.E. 129. F.C.L.S. 357

925.

CONVOLVULUS ARVENSIS

~~IPOMOEA TRIDENTATA~~

Convolvulaceae

Fl. Cream-white, purple inner tube

Fr.

Leaves.

S.S. 210, 209.

J.

8

97.

HIBISCUS MICRANTHUS. Malvaceae

Wild White Hibiscus.

Fl. White

Fr.

Leaves.

S.S. 92

F.M. 29. M.G. IV. (42) E. J

E.B. 1. 262, 301

49.

IONIDIUM SUFFRUTICOSUM

Violaceae

Fl. Pink (or purple)

Fr.

Leaves.

S.S. 72.

F.M. 27. M.G. III (30) A. J

E.B.I. 330

10

552

PENTAPHYLLA (Gamble)

MOLLUGO SPERGULA (oppositifolia)

Aizoaceae.

Fl. White

Fr. Seeds dark reddish brown, shining, tuberculate.

Leaves.

Stem quadrangular

The Common Mollugo of our compounds, with
clumps of 3 or more leaves at nodes up stem, from which fleshy
flowering peduncles come.

F.M. 24.

601
Rubiaceae

OLDENLANDIA UMBELLATA.

Indian Madder.

Fr. White

Trw Basin.

Fr.

Leaves.

S.S. 154.

F.M.b. M.G. $\overline{XV}$ (145) A. J. F.E. 124. F.C.L.S. 332.

12

93

ZEYLANICA (Gamble)

PAVONIA BRAVETTA

Malvaceae

Pink Pavonia

Fl. Pale pinkish white.

Fr.

Leaves.

S.S. 2.

F.M. 16 M.G(41) J. E.B.I. 118, 284

93

PAVONIA PROCUMBENS

Malvaceae

Yellow Pavonia

Fl. Brimstone Yellow.

Fr.

Leaves.

S.S, 88.

M.G. (41)

91.
Malvaceae

ABUTILON INDICUM

The Country Mallow.

Fl. Pale Yellow, deepred centre.

Fr.

Leaves.

S.S. 86.

Tender leaves edible.

F.M. 14. M.G. IV B (39) J. F.E. 114. F.C.S. 140, 293. E.B. 1. 335.

90
Malvaceae

ACUTA (Gamble)
SIDA CARPINIFOLIA

Fl. Yellow.

Fr.

Leaves.

F.M.B. M.G(38) J (cordifolia) F.C.L.S.147.

16

338
Leguminosae.

ALYSICARPUS MONILIFER I Papilionatae 4 Hedysareae.

Fl. Purple.

Fr.

Leaves.



F.M. 83. M.G.(78) J.

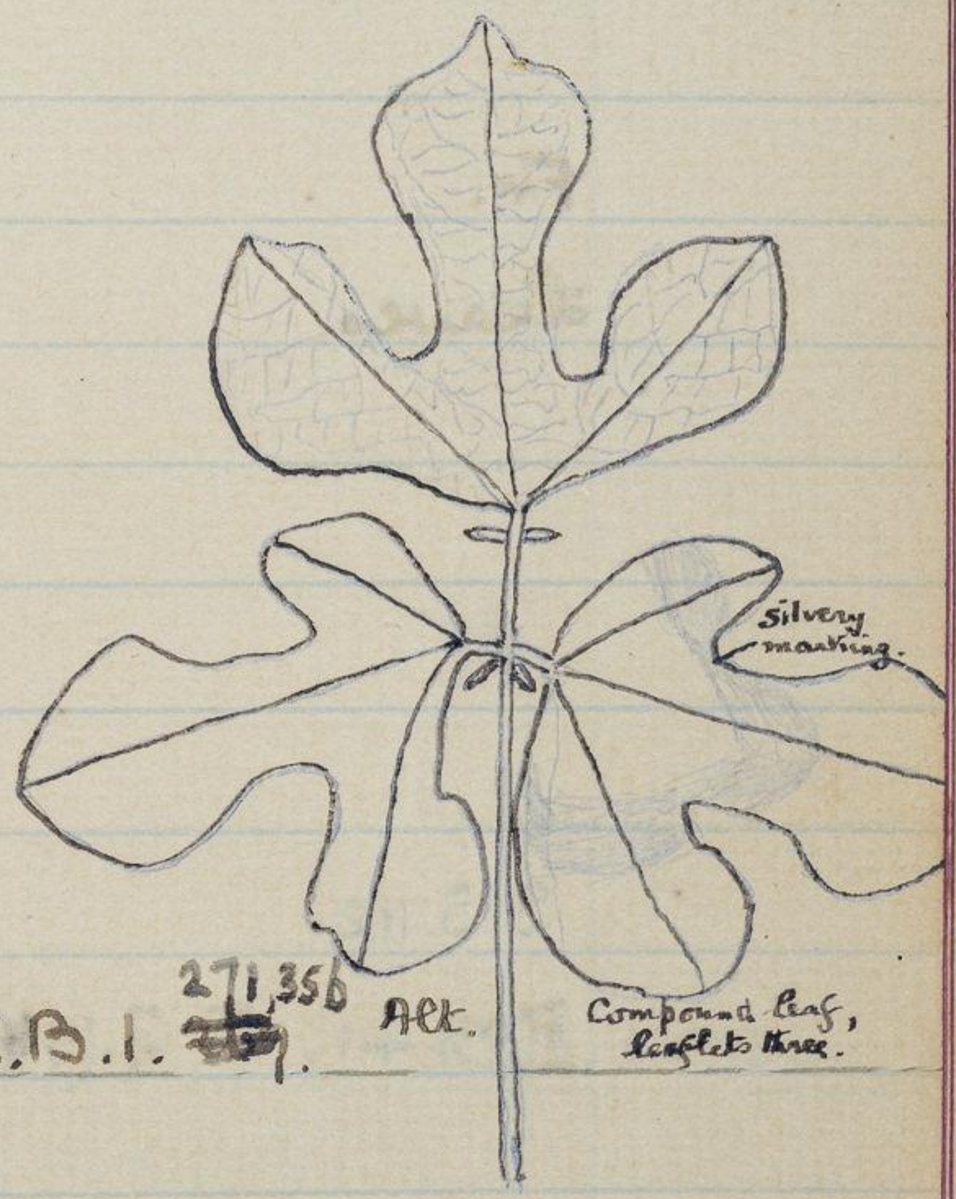
362.
Leguminosae.

PHASEOLUS TRILOBUS I Papilionatae. b Phaseoleae

Fl. Yellow.

Fr.

Leaves.



S.S, 118

M.G.(88)

J. E.B.I. 27:356

18

320 Leguminosae

~~PROCUMBENS (Roxb)~~

TEPHROSIA PURPUREA Pers. I Papilionatae. 3 Galegeae.

FR. ~~Pale~~ Pink-Purple.

Fr.

Leaves.

S.S. 112

F.M. 41. M.G. (9[illegible]) J E.B. I. 266.

318
Leguminosae

TEPHROSIA HIRTA I Papilionatae. 3 Galegeae

(குருந்துக்கிகாழிந்தி)

Fl. Pink-Purple

Fr.

Leaves.

M.G. IX D.(93) E.B.1.352

Opp wood outhouse behind Veiranai(N)

20

325

Leguminosae

ZORNIA DIPHYLLA I Papilionatae. 4 Hedysareae.

Fl. Yellow w. red centre to wing petals.

Fr.

Leaves.

F.M. 38. M.G.(76) J.

309.
Leguminosae

INDIGOFERA ASPALATHOIDES T Papilionatae. 3 Galegeae

Fl. Red.

Fr.

Leaves

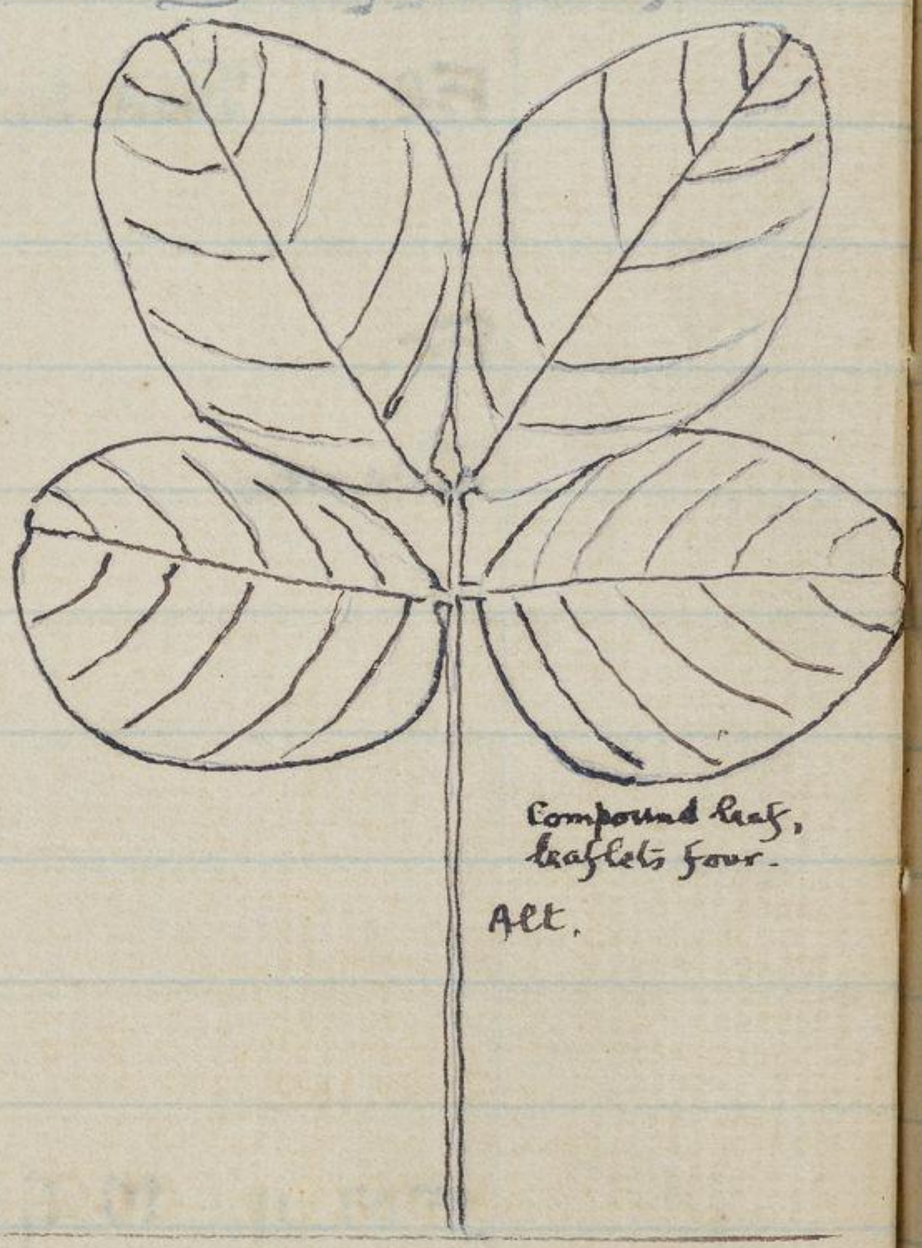
woody stem small bush.

F.M. II. M.G.(92) J.

403.

Leguminosae.

CASSIA ABSUS = Caesalpinioideae 10. Cassieae.



Fl. Orange-pink

Fr.

Leaves

M. G. (103) J

130.

TRIBULUS TERRESTRIS Zygophyllaceae

நெரிஞ்சி முள்

Fl. Yellow

Fr.

Leaves,

S. S. 102,

F.M. 32, M.G. VI. C(56) J. E.B.T. 15, 21. E.B. I, 5, 8

676.

VERNONIA CINEREA Compositae. #.1. Vernoniae.

Ironweed

Fl. Pinkpurple.

Fr.

Leaves.

M.G. XVI. (158) A. J. E.B.1.300

Much of this is blighted & the plant leaves & both are bright yellow. It flowers just its base 1940-1

INDICA. (Gamble)
VICOA AURICULATA Compositae. 4. Inuleae. 701.

Fl. Yellow.

Fr.

Leaves.

S.S, 162.

F.M. 13. M.G. (154) J.

2.5 flowered upto Jan 20, 1941 after rains
started flowering about Feb 1. v. late.

26

1162.

BOERHAAVIA DIFFUSA Nyctaginaceae

Pink Boerhaavia

Fl. Pink.

Fr.

Leaves.

S.S.254.

M.G. XXVIII (238). G. J. (repeat)

1539.

COMMELINA BENGHALENSIS Commelinaceae

Fl. Blue

Fr.

Leaves, Broad ovate

F.M. 22 M.G. ~~XXXV~~. B.(291)

1150.

LEUCAS ASPERA

Labiatae

தும்பை

Fl. White

Fr.

Leaves.

S.S. 248
G.P. 75.
F.M.19. M.G. ~~XXVIII~~. F. (236) E.B.T. 273. E.B.1. ~~399~~.

1151.

LEUCAS ANGULARIS. Labiatae.

Fl. White. in many whorls, up the stem, in leaf axils

Fr.

Leaves. Broad, toothed

Four square stem



30

832.

CALLOTROPIS GIGANTEA

Asclepiadaceae

Madar

எருக்கு

Fl.

Fr.

Leaves.

S.S.192. Its milk useful for loosening thorns in the feet

F.C.L.S.350. E.B.T.145,265. G.P.62

F.M.26. M.G.XIX.D(177) F.B.1-B.240. E.B.1. 119,291. 380

1090.

STACHYTARPHETA INDICA . Verbenaceae

Fl. Deeppurple,

Fr.

Leaves.

F.M.9. M.G. XXVIII. A. (226)

Kuppuvuthal Kuda Madai

32

46.

CAPPARIS SEPIARIA

Capparidaceae

Fl.  fragrant sepals 4 petals 4 stamens 20? Cream coloured in terminal umbels of up to 20 flowers.

January.

Fr.

Leaves. ALT.  thick, glabrous, decurved thorn either side they snap when you bend them - fragile

very often almost leafless when not in flowering season

F.M.3. M.G.(29) F.E.30. F.C.L.S. 95,284. E.B.I. 328 ~~251~~.

Common in hedges

1013.

BLEPHARIS MOLLUGINIFOLIA

Acanthaceae

Fl. Pale purple.

Fr.

Leaves.

S.S, 234.

F.M. 12. M.G. (217)

ARGEMONE MEXICANA

Papaveraceae

Mexican Poppy

Fl. Pale yellow.

Fr.

Leaves.

S.S.62.

F.M.23. M.G.IIB(25)J. FLLS. 226. E.B.I.302

An introduced weed.

1001.

PEDALIUM MUREX

Pedaliaceae

Fl. ~~Pale purple~~ Yellow.

1

Fr.



4 spines. downward hanging, axillary

Leaves

F.M. 37. M.G. ~~XXV~~. C. (2/3)

S of new Omdurman Bridge & cactus road W side

938.

SOLANUM XANTHOCARPUM. Solanaceae

(Lam. & Bau)

Fl. Purple.

Fr.

Leaves.

Prickly, low-lying.

S.S. 214.

F.M. 39. M.G. (203)

1888.

LIPPIA NODIFLORA Verbenaceae.

Fl.

Fr.

Leaves.

F.M. 76. M.G. XXVI. (327) D. J. FE. 53. FGS. 113

~~38~~

PES-CAPRAE (Gouan)

917.

IPOMOEA BILOBA

Convolvulaceae

Goat's-foot Convolvulus.

Fl. Pale purple.

Fr.

Leaves

F.M. 62. M.G. ~~XXII~~. E. (197)

E.B. 1. 211.

929.

OPERCULINA TURPETHUM. Gr. Convolvulaceae

Fl. White.

Fr.

Leaves.

Leaves edible also used for soup
Leaves best food for sheep & goats.

211.

40

CRATAEVA

~~CRUCIFERÆ~~ RELIGIOSA

S. Tree?

47.

Capparidaceae

FR.

Fr.

Leaves.

F.E. 30. F.C.L.S. 45,285.

1017.

RUELLIA PROSTRATA Acanthaceae

Linnaeus Bnd !

FR Purple.

Fr.

Leaves.

F.M.1. M.G.(218) J E.B.T. 270. E.B.1. 242.

654.

BORRERIA HISPIDA

~~SPERMACOCE STRICTA~~

Rubiaceae

Fl. Pale purple.

Fr.

Leaves

F.M. 56. M.G. (148)

1290

PHYLLANTHUS NIRURI Euphorbiaceae

Fr.

Fr.

Leaves.

S.S.294.

F.M. 69. M.G.(264) J. F.E.28. F.C.L.5.42.

1176

ACHYRANTHES ASPERA

Amarantaceae.

Bnw 2 (13 nd)

FR. Purple.

FT.

Leaves.

S.S.266.

Leaves edible.

F.E.73. EBT 2745. M.G. ~~XXVIII~~ (243) XXIX. B. J. F.L.S. 190, 372. E.B.1. ~~365~~ 244, 401.

CLITORIA TERNATA Cr. I Papilionatae b. Phaseoleae.

Fr. 1. Deep blue or
2. White or
3 Pale blue

Fr.

Leaves.

S.S.120.

M.G.IX.C.(90)

46

1171.

AMARANTHUS VIRIDIS

Amarantaceae

தும்பைக்கீரை

Fr.

Fr.

Leaves.

S.S.264.

Leaves edible.

M.G.(241) E.B.I. 2[illegible]6,7.

E.B.I. 402. 244

711.

TRIDAX PROCUMBENS Compositae 5. Heliantheae

Fl. Ray florets white.

Fr.

Leaves.



S.S. 176.

402
244

M. G. XVII (153) B. J. E.B.T. 144 E.B.I. 300, 263 374

48

121.

CORCHORUS ACUTANGULUS Tiliaceae

பிண்ணைக்குக்கீரை

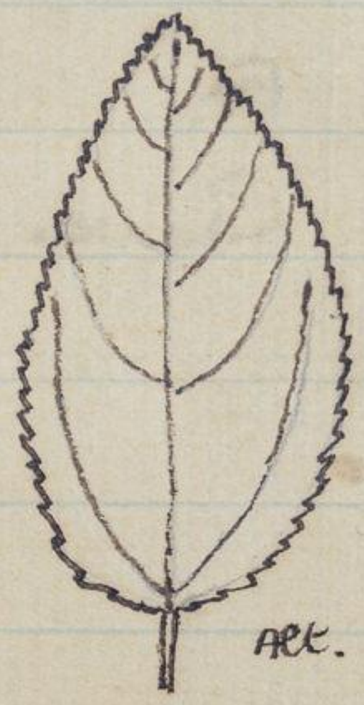


Fl. Yellow

Fr.

Fr.

Leaves.



M. G. (54)

309.
Leguminosæ

INDIGOFERA ENNEAPHYLLA I Papilionatæ 3. Galegeæ.

Six ribbed
three pointed
each joint
two pronged

Fl Red-pink

Fr.

Leaves

S.S. 107, 108

F.M. 11. M.G. (92) J. F.E. 29. F.C.L.S. 44. E.B. 1. 354.

Square x Victoria Low lying spreading
When water of world laint needs mowing it very
small & flat.

1173.

PUPALIA LAPPACEA

Amarantaceae

Fl. Green, Purple stamens
each bunch 3 stems contain up to 5 developed flowers + below several undeveloped fl. reduced to hooked bristles.

Fr with hooked yellow bristles, sticks to you like a round burr.

Leaves OPP. nearly round.



thick, softly tomentose AB.

Small bunches of flowers at intervals upto stalk forming an interrupted spike above the leaves.

M.G.(243) J. (orbiculata) E.B.I. 321

1330

ACALYPHA INDICA.

Euphorbi~~aceae~~aceae

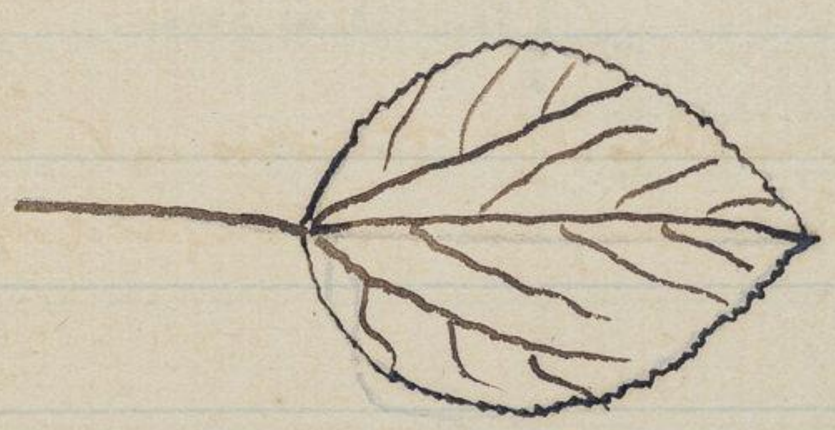
Fl.



flowers within cp 72.

Fr

Leaves



S.S. 300

Leaves edible (laxative).

E.B.T. 279. M.G. ~~XXXI~~. E. (269) E.B.I. ~~310~~ 404.

537
Cucurbitaceae.
Genus

COCCINIA INDICA Gr

Fr. White

Fr

Leaves.



S.S.134. Leaves edible. Juice good for sore mouth. Juice blisters.

M.G. XIII. D. (132) E.B.T. 166, 25b. E.B.1.243.

1519.

GLORIOSA SUPERBA Cr. Liliaceae

Fl. Flame colour.

Fr.

Leaves

F.E. 51,139. M.G. XXXIV. D. (287) F.C.S. 109, 385. E.B.I. 82.

243.

412.

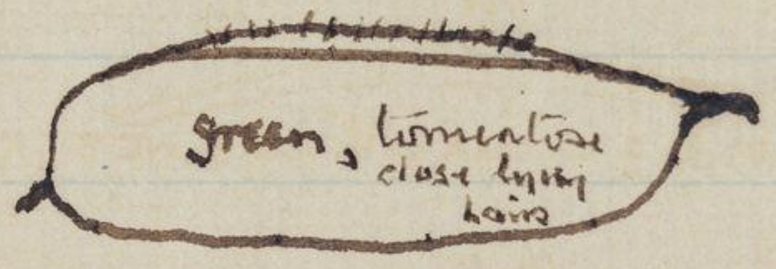
349
Leguminosæ.

ABRUS PRECATORIUS Cr. I Papilionatæ. 5 Vicieæ.

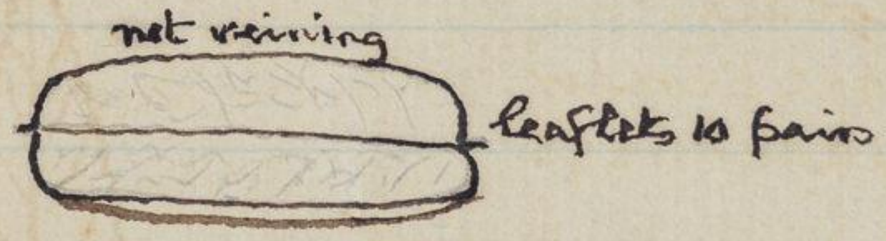
Indian Liquorice.

Fl.

Fr.



Leaves.





Seeds very poisonous.

M. G. (84)

122

CORCHORUS TRILOCULARIS Tiliaceae

Fl. Yellow.

Fr. rubbed a covered with very short thick almost thorn-like rough hairs?

Leaves lanceolate
lowest ones are broader
More like Kore g No 48.



S.S. 100.

1058.

BARLERIA ~~PRIONITIS~~ CUSPIDATA

Acanthaceae

Fl. White (Horny)



Sepals narrow curling round each other. pale green fading to pale brown.

Seeds 2.

Ft.

Leaves. 1½" × ⅗" very narrow in proportion.



M. G. ~~XXVI~~ (220) E. J.

Behind Nisita N. Wg path from Tanisawa

40

GYNANDROPSIS PENTAPHYLLA Capparidaceae

Caravelle Seed.

Gaertz Nov 29

Fl. White (Clarme-like)

stamens very long purple

Fr.

Leaves.

S.S. 66.

M.G.(27) J. EB.T. 242 E.B.I. 9,10.

58

1341

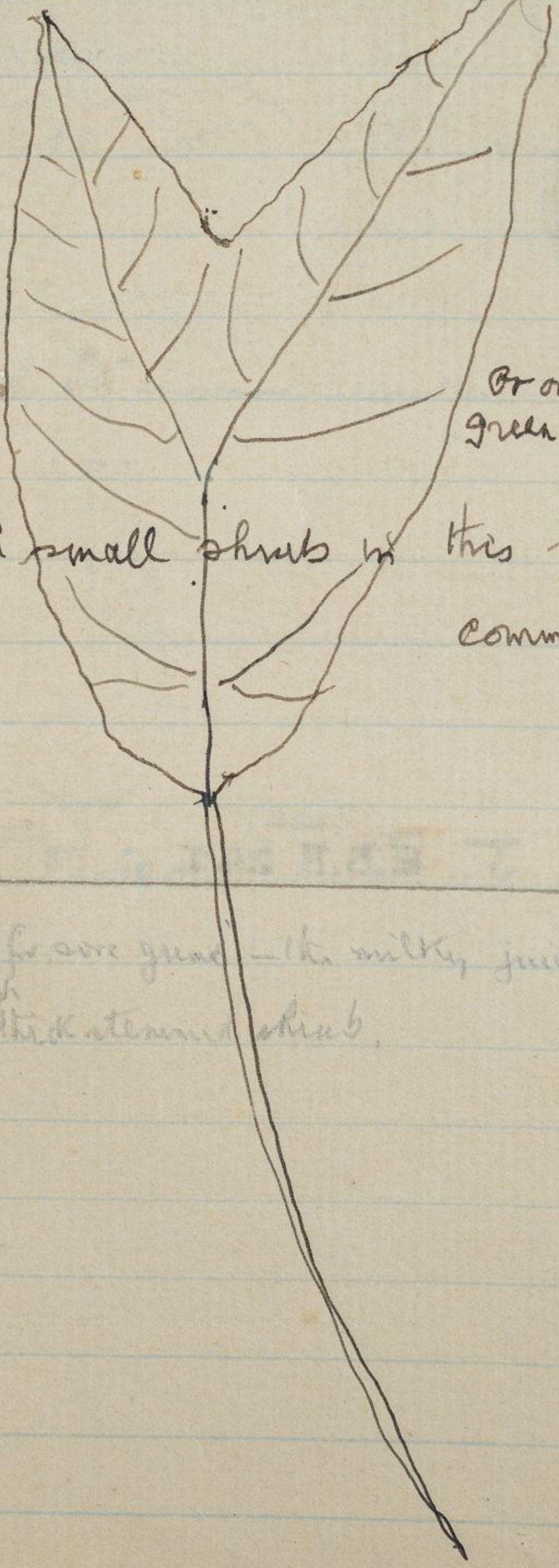
TRITAXIS BEDDOMEI (small tree?)

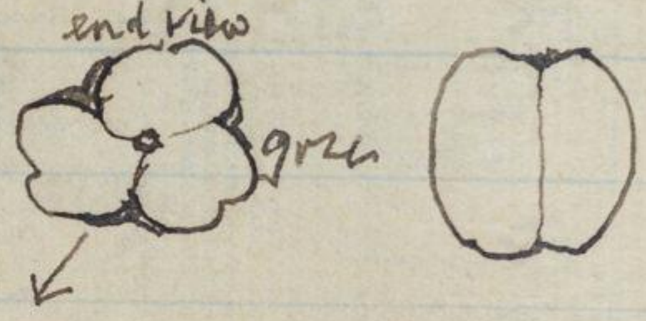
Euphorbiaceae

ചുള്ളിച്ചെടി

Fr.

Fl.





Leaves

Or ordinary plain shaped leaves
Green, entire glabrous

A small shrub in this locality, not a small tree.
common on our land.

Used for sore throat — the milky juice

1 ft stick terminal shrub.

PERGULIA EXTENSA (Gamble) 837.
DAEMIA EXTENSA. Cr. Asclepiadaceae

Fr. Greenish-yellow

Fr.

Leaves.

F.C.S. 357 J

60

312

Leguminosae

INDIGOFERA TINCTORIA I. Papilionatae. 3. Galegeae.

Shrub like Tephrosia Burgessiana

Fl. Red-pink (large)

Fr.

Leaves.

G.P.32.

899.

TRICHODESMA
~~PHYSALIS~~ INDICUM Boraginaceae.

Fl. Pale blue-purple

Fr.

Leaves.

S.S.202.

M.G.(185) J. F.Cl.S. 359. E.B.1. 382/3.

62.

131b

CROTON ~~LACCIFERUS~~ SPARSIFLORUS - Euphorbiaceae

Fl. White (v. small)

.

Fr.

Leaves

S.S.296.

M.G. ~~XXXI~~. D. (267)

Native of S America introduced Bengal 1796
now spread - cultivation or waste land

916.

IPOMOEA SEPIARIA Ct. Convolvulaceae.

Fl. Pale purple

Fr.

Leaves.

F.M.50. M.G.(197)

E Farm N of the well 150 k. N. by hedge of paddy-fields.

704.

ACANTHOSPERMUM HISPIDUM

Compositae
5. Heliantheae

Fl Very small, whitish.

Fr. Achenes thorny

Leaves.

An unpleasant, fast-spreading foreign plant.

S.S.168.
M.G.(151)

A South American introduction

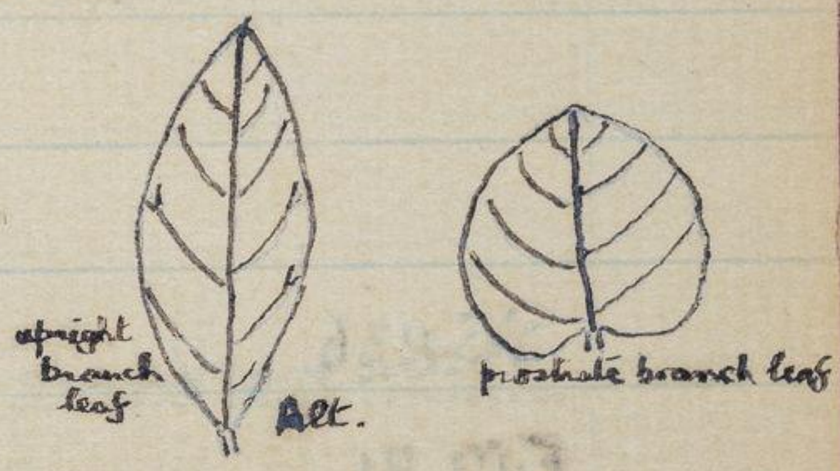
292.
Leguminosae

CROTALARIA GLOBOSA I Papilionatae 1. Genistae.

Fl. yellow

Fr Seeds. large 1-4.

Leaves.



Single and globose pods. Centre upright shoot, oblong
branches in all directions on the ground. 25 cms

ASTERACANTHA LONGIFOLIA (Gamble) 1015.
HYGROPHILA SPINOSA Acanthaceae

கிளாம்பி

Fl. Purple

Fr.

Leaves

S.S.236.

F.M.21.

In paddy field channels. Hosur.

1166.

CELOSIA POLYGONOIDES Amarantaceae

Fl. Red-pink style stigmas on a straw white background.

Interrupted Spike, terminal or axillary.

Fr.

Leaves. ALT.



rounded at the base.

SS. 258.

M.G. (240)

Leaves edible.

Common in V.C a in fallow land.

89.

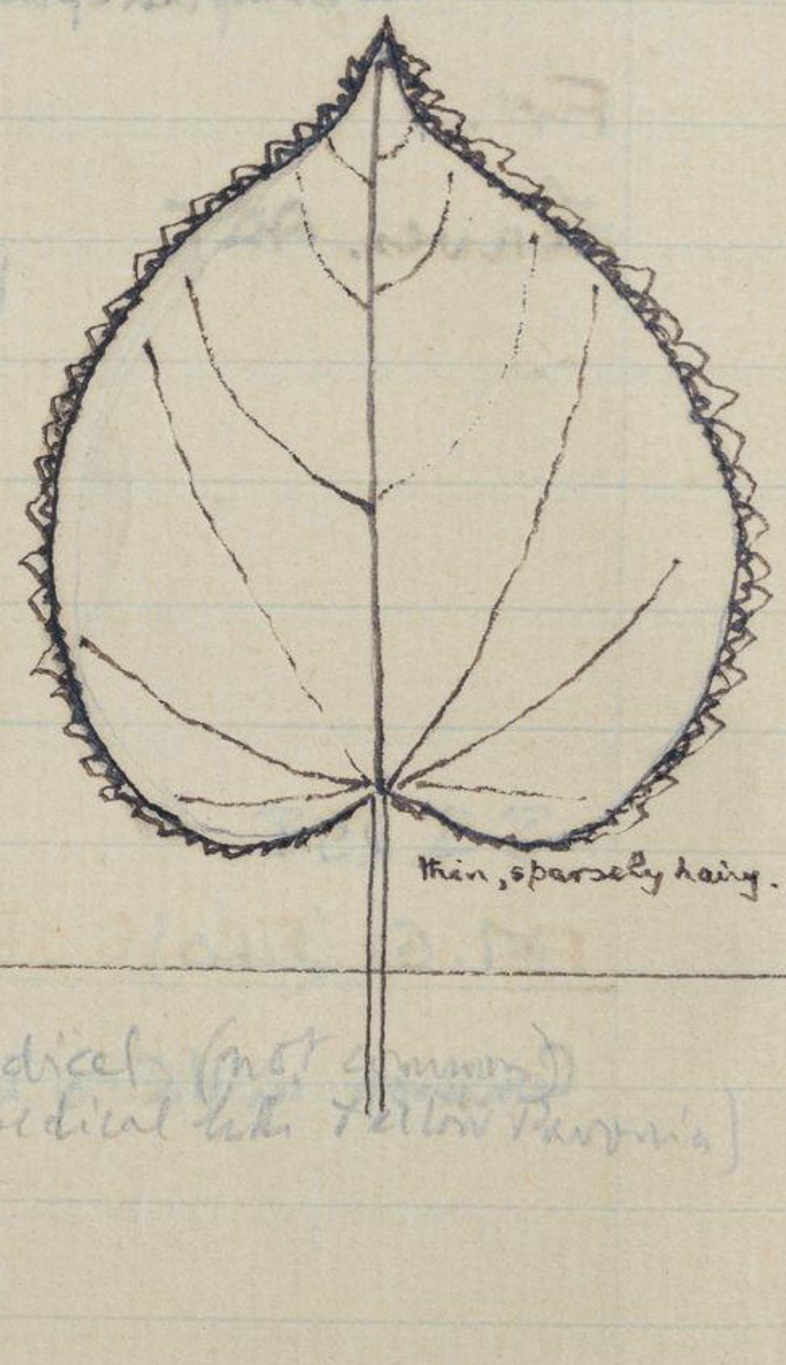
SIDA GLUTINOSA Malvaceae

Sticky Sida.

Fl. Cream-yellow

Fr.

Leaves.



simple small flowers on long pedicel (not clustered)
(pedicel like Yellow Passionia)

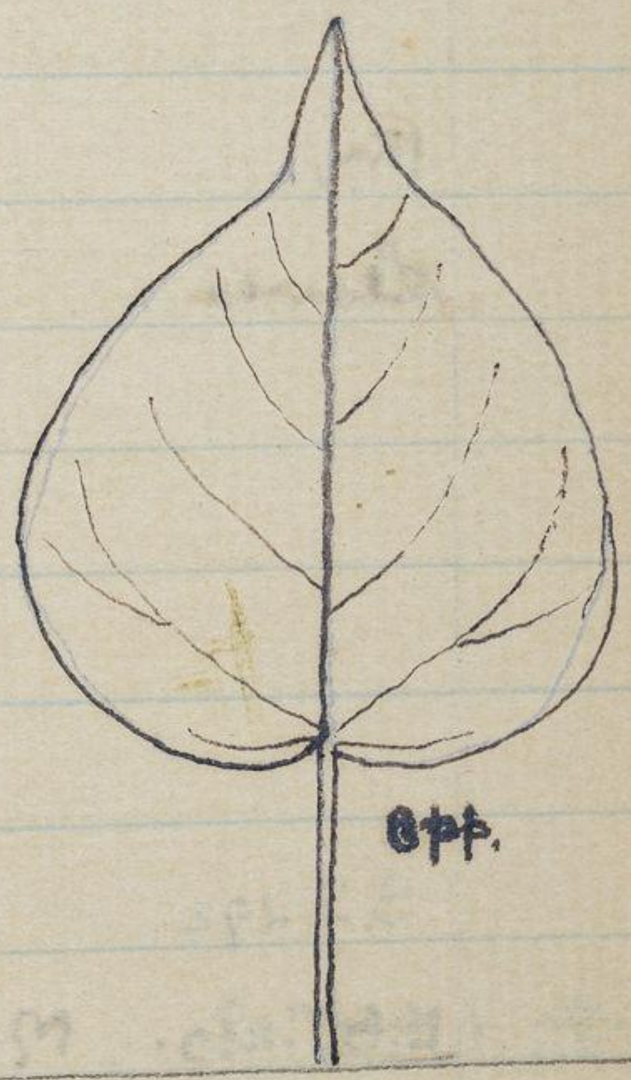
(1063)

ASTASIA CUROMANDELIANA Acanthaceae

Fl. Yellow

Fr.

Leaves.



F.E. 132. F.C.L.S. 364.

"Dear Yellow Flower"

1289.

PHYLLANTHUS MADERASPATENSIS Euphorbiaceae

Fl.

Fr.

Leaves

S.S. 292.

E.B.T. 280. M.G. ~~XXXI~~ .C.(264) E.B.I. 405.

Sliggly very common

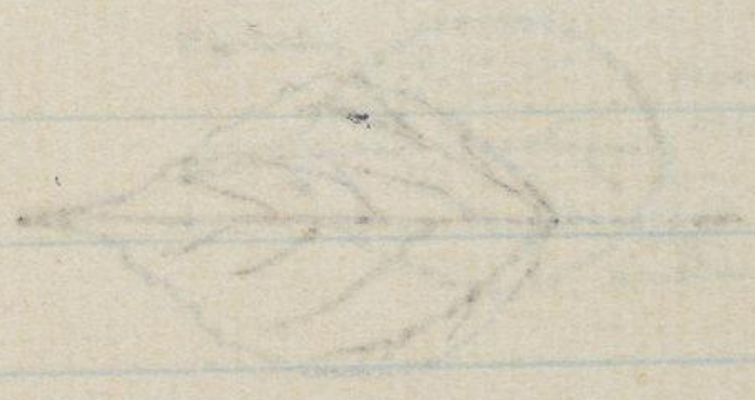
1202.

ARISTOLOCHIA INDICA Cr. Aristolochiaceae

Fr.

Fr.

Leaves.



M.G. XXXII. (253) A. J. E.B. 1. 287.

Climbing flower & fruit Gh. Coorg. ♀ leaves.

72

1330

ACALYPHA CILIATA

Euphorbiaceae

Fl



Flowers in this cp. 51.

Fr

Leaves ALT.



J.

Like other Acalypha but seed vessels fringed edges (sepals) tailed

550.

TRIANTHEMA PORTULACASTRUM — Aizoaceae

Fl. White faintly pink (these are not petals but calyx lobes)

Fr.  in branch axils — from above. stem much enlarged there.

Leaves.



S.S. 142

M.G. XIV. C. (138)

E.B.I. 367

fleshy looking stems & leaves

1275

EUPHORBIA HIRTA

Euphorbiaceae

Fr

Fr.

Leave

S.S. 288.

M.G. ~~XXXI~~ (260). B.J.

SS page 288 P/118

1051.

ANDROGRAPHIS ECHIOIDES Acanthaceae.

Fl.

Fr.

Leaves.

M. G. XXVI. D. (220)

Regular leaves in opposite pairs at alternate

961.

ILYSANTHES HYSSOPIOIDES Scrophulariaceae



Fl. Purple (pale lilac) stigma in leaf axile

dark mark rings on pale lilac background

Fr

Leaves OPP linear 3 ribbed from base. ½ to 1" long usually very small.

M.G.S. (25) J.

Tank border

961.

ILYSANTHES MINIMA Scrophulariaceae.

Fl. Yellow.

Fr.

Leaves.

M.G. (210)

Tank Border

968

STRIGA LUTEA Scrophulariaceae

Fl. White (or yellow)

Fr

Leaves.

S.S.224.

M.G.(207) J.

W. of Vaal-Hartebeestkraal Tank field.

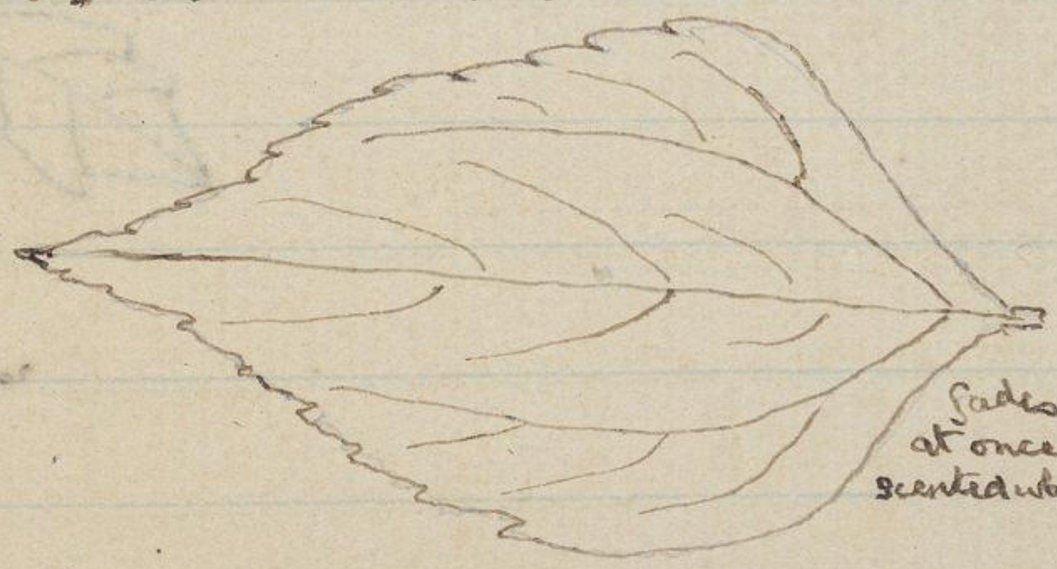
708.

SYNEDRELLA NODIFLORA Compositae. 5 Heliantheae.

Fl  White v. small about 10 together in one head in terminal cupaxil

Fr

Leaves OPP ABL, T, tomentose 2½x1¼ or more K.



M.G. XVII. A. (153)

Fades v. quickly, tiny white daisy-head terminal set of leaves

80

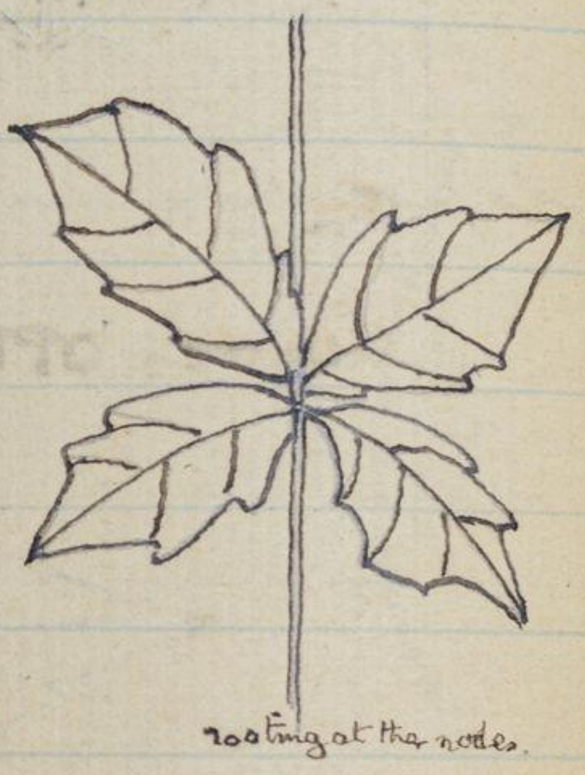
1013.

BLEPHARIS BOERHAAVIAFOLIA Acanthaceae

Fl. Pale purple

Fr.

Leaves. in fours



rooting at the nodes.

M.G.(216) J.

Longer leaves than 33 Hedges

347.
Leguminosae

DESMODIUM TRIFLORUM I Papilionatae 4. Hedysareae.

FR. White, or purple-pink

Fr.

Leaves

M.G.(80) J. F.B.1. 355 ~~358~~.

White-flowered form common in compound shade water drips from roofs or edge of grass etc.
Purple-flowered form on E outlet sloping bank of Red Lake etc

82.

320
Leguminosæ

TEPHROSIA SPINOSA Ī Papilionatæ 3 Galegeæ

Fl. Pink-purple

Fr

Leaves.

S. S. 114

J.

Thorny near Molaciren Tank bank V. Gr. Lyly
1. Nof Red Rks in open Peramboka Land common

320
Leguminosae

TERPHROSIA PROCUMBENS. I Papilionatae 3 Galegeae.

FR. White

Fr

Leaves.

Very like purpurea but pure white flowers.

On E bank of Malawmi Tank, near 2 wells S. of

84.

875

ENICOSTEMMA LITTORALEA Gentianaceae

Fl. White

Fr.

Leaves

M.G. XX. D.(183)

Not above 6" high masses of little white flowers in wharts between bars.

On fields W of Vaduhatchi Tank

953.

MONIERA CUNEIFOLIA Scrophulariaceae

Fl. Pale purple

Fr.

Leaves

S.S. 222.

M.G. ~~XXIV~~. C. (205) EB1.391,2.

Water side rooting at nodes (Fl. pale purple)

1550

CYANOTIS AXILLARIS Commelinaceae

Fr. mauve

Fr.

Leaves

S.S. 312.

M.G ~~XXXV~~. A.(291) E.B.I. ~~320~~ 414

Well comd stem fleshy & hairy at joints

1549

CYANOTIS CRISTATA Commelinaceae.

Fr. Bale

Fr.

Leaves.



M.G. (292)

Common grass form in compound

88

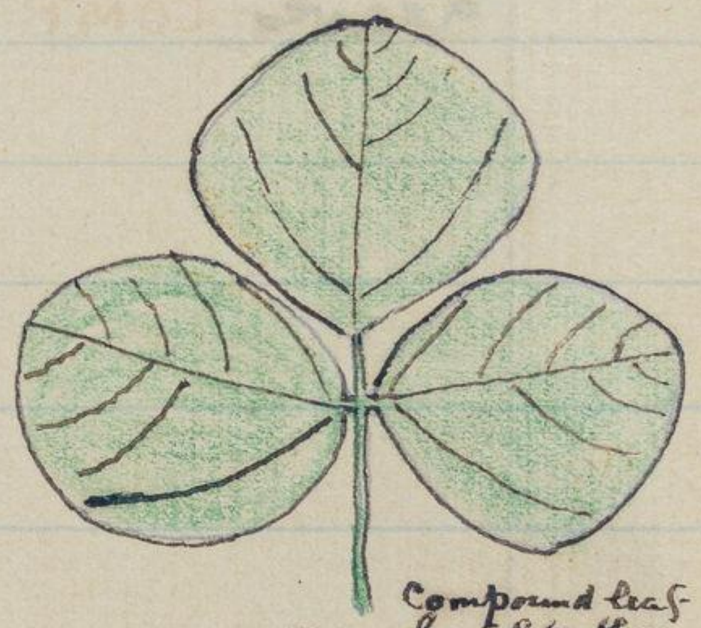
375.
Leguminosae

RHYNCOSIA MINIMA Gr. I Papilionatae. b. Phaseoleae

Fl Yellow w. Red veins.

Fr.

Leaves.



Alt. Compound leaf leaflets three.

S. S. 122.

M. G. (88) J.

Flowers Lake, mid Dec

1102.

VITEX NEGUNDO

~~MONIERA CUNEIFOLIA~~

Verbenaceae

வளை

Fl. ~~Pale~~ Purple.

Fr.

Leaves. COMP. all leaflets with petioles.

M.G. ~~XX~~VII. F. (228)

On Melarnon Tank Bund & bush.

90

897.

HELIOTROPIUM SCABRUM. Boraginaceae.

Fr. White w. yellow centre.

Fr.

Leaves.

S.S200

M.G.(190)

Lucknow Calcutta.

Common in Ramachandra in the grass

65.

POLYCARPAEA CORYMBOSA

Caryophyllaceae

Fl

Fr

Leave.

M.G. III (32) C. J.

many flowered corymbs in dry fields W.J. Yadin Tank "b" Hill forest-
Perennial herb resembling Polygonum. Playing field

374.
Leguminosae

RHYNCOSIA NUMMULARIA I Papilionatae b Phaseoleae

கருவது காணம்
கொடி அவரை

FR Yellow w Red veins Eng Dec.

Fr Dark brown frd hairy. one seed

Leaves. much larger than No88.

J.

near SE corner of hill with the brick-kiln.

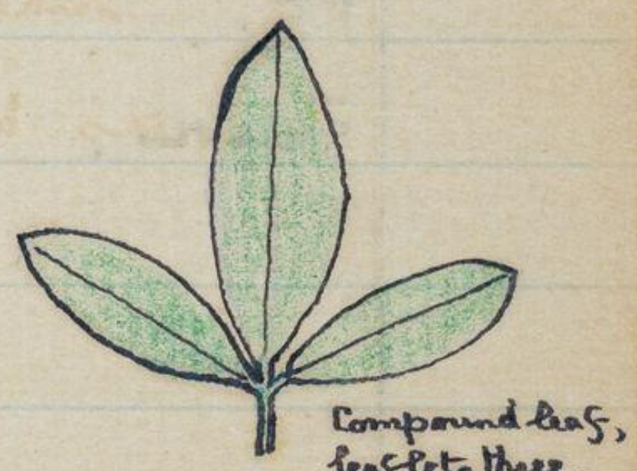
279
Leguminosæ

ROTHIA TRIFOLIATA I Papilionatæ. 1. Genisteæ

FR. Yellow

FY.

Leaves.



Compound leaf, leaflets three.

M. G (82)

v long silky pods. flowers appear to be open.

Scrub plants (wild N Leaf.

686.

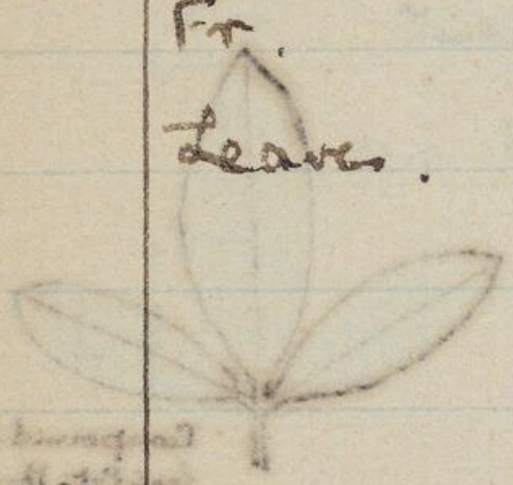
BLUMEA AMPLECTENS Compositae. 4 Inuleae.

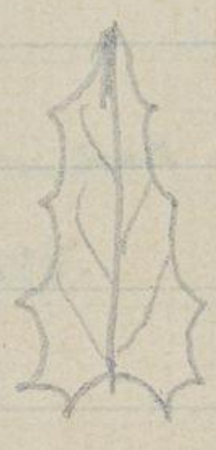
Purple Blumea

Fl. Purple 

Fr.

Leaves.





no leaf stalk, sessile or stem

M.G. (155)

Fl. single or in long stalks terminal stem axil 1' Mount

705.

ECLIPTA ALBA Compositae S. Heliantheae.

Fl. White.

Fr.

Leaves.

S.S.172.

M.G. XVI. H. (156)

Single dark-head specimen in Botany Terminal Body plant

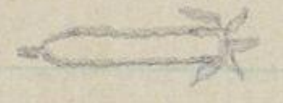
96

517

LUDWIGIA PARVIFLORA

Onagraceae

Fl. ~~White~~ Yellow
~~Yellow~~ axils

Fr.  almost sessile, 4-angled, green covered with dark red glands

Leaves

S.S. 132.

M.G. XII E (124)

By drain E of V.C. Kitchen, [illegible] Paddy swampy

By [illegible] in paddy land. Muds damp soil

939.

PHYSALIS MINIMA Solanaceae

Fl. Pale yellow.

Fr. Cape Gooseberry

Leaves.

S.S.216.

M.G. XXIII (204) E.J. E.B.1.122 246.

1059

BARLERIA NOCTIFLORA

~~CLERODENDRON~~

Acanthaceae

Fl. White (Ikonny)



Flower extends $1\frac{3}{4}$" out of the sepal.
Calyx lobes spinous-toothed.
sepal pale green — wide.
fading to pale brown, then.
Seeds 4.

Fr.

Leaves. Small.

In Palmyra waste E of Makarovari River Land Ngoni Thewarkland.

133.

BIOPHYTUM SENSITIVUM Geraniaceae

Fl. Yellow

Fr.

Leaves rosette on the ground

M.G.(57)

On edge of Malawian Tank Send Enride.

716.

EMILIA SONCHIFOLIA Compositae. 8. Senecioneae

Fr. Pink

Fl

Leaves

M.G.(159) XVII D

Few heads. Annual herb

1539

COMMELINA UNDULATA Commelinaceae

FR. Blue

Fr.

Leaves. linear (q. long narrow)

M. G. XXXV. C. (Supp. 39) 1 J.

1167.
Amarantaceae

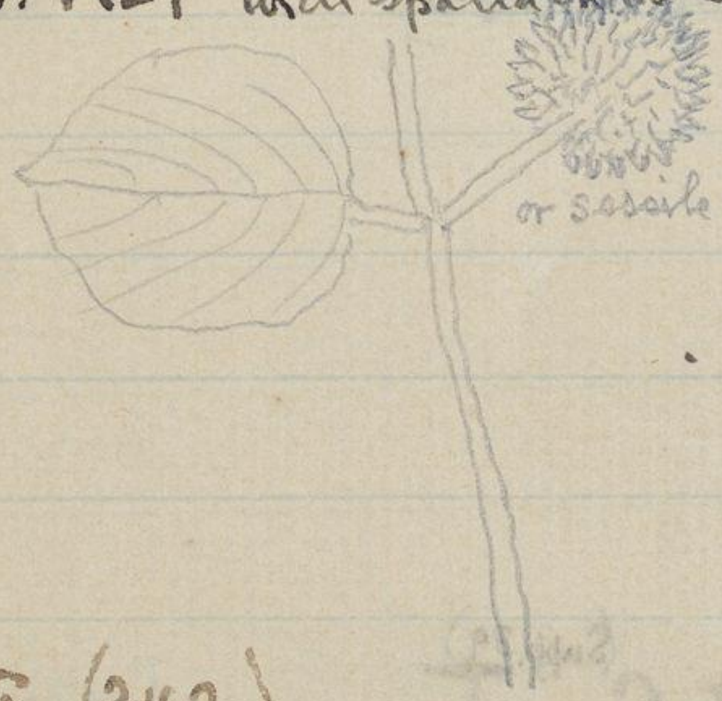
ALLMANIA NODIFLORA
var. dichotoma.

Fl. White ~~green~~, stamens pink anthered.

Fr.

Leaves. ALT wide spaced on the stalk.





M. G. (242)

Achyranthe like flowers in round bobbles at intervals.
tall like Achyranthes

292.
Leguminosae

CROTALARIA BIFLORA L. Papilionatae. Genisteae.

Fl. Yellow

Fr. seeds small upto 20.

Leaves.

M.G.S.(11.) J.

More slenderthan globosa. Fl 1 or 2 on lengthened apt leaves not so turned as globosa
on N bank of Mahadhai river, EW in East Coast

714.

NITIDA

GYNURA TRAVANCORICA Compositae. 8. Senecioneae

Fl, Orange-red.



many-heads Daisy family

Fr,

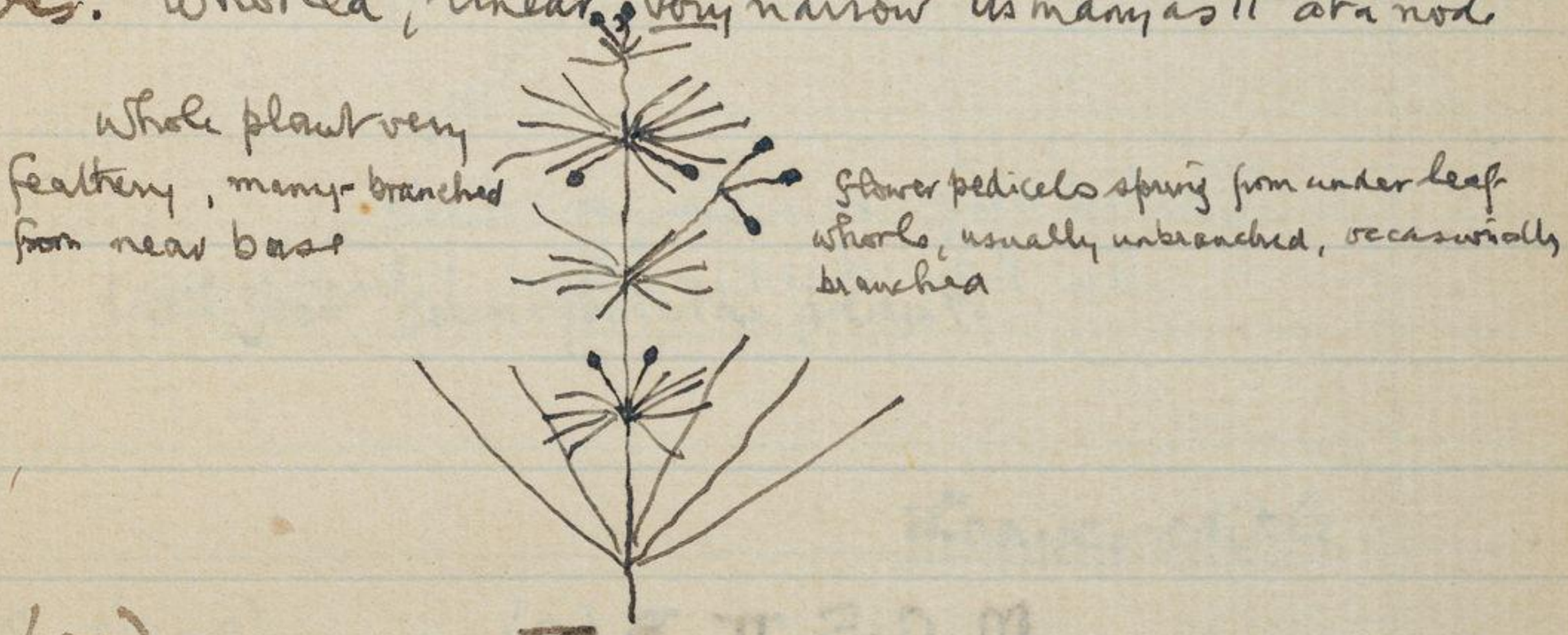
Leaves

MOLLUGO CERVIANA ~~TENTAPHYLLA~~ 553 Aizoaceae

Fl. White

Fr. Seeds very minute goldenbrown (about $\frac{1}{4}$ size of No10)

Leaves. Whorled, linear, very narrow as many as 11 at a nod.



M.G.(139). J.

In paddock W of E farm, W half near cactus hedge.

691.

ERALTES PYGMAEA Compositae. 4- Inuleae.

Fl. Pink-purple 

Fr.

Leaves

3, tufted twigs on stem, prostrate;
stem like No 137. flowers like No 94

M.Q.S. II.B.(19)

small 6-8" Knees like Emilia brooklyn, tufted

936.

SOLANUM NIGRUM Solanaceae.

Fl. White

Ft. Green turning purple



RIPE — EDIBLE
UNRIPE — USED FOR CURRY

Leaves.

1 to 2 feet cosmopolitan plant

Leaves edible.

M. G. (202)

GENIOSPERMUM PROSTRATUM

~~Genios permum pro~~

111b.
Labiatae

Fl. Pale Purple or white

Fr

Leaves.

FM. 31 M.G. XXVIII. D (232)

233
Vitaceae

CISSUS QUADRANGULUS

Hyderabad

FR.

Fr.

Leaves

Tender leaves rynng stem roasted made into chutney.

M.G. VIII. B. (68) E.B.I. 109, 349.

long cactus like 4 angled stalk, occasional leaves in bud fcn

66.

PORTULACA ~~FUSEROSA~~ QUADRIFIDA Portulacaceae

WFN

FR. Yellow solitary terminal surrounded by four involucral leaves.

FV.

Leaves fleshy lanceolate to ovate.

Nodes clothed with hairs

M.G.(33) (E.B.I. 333)

Herb small like Stone crop

W of Gods Sanderwell also, the nurseries N of it by water channels.

Very common in irrigated plots in Our Garden a carpet over the ground

66

PORTULACA PILOSA Portulacaceae

R. Pink.

Fr.

Leaves.

M.G. (33)

In Square Aug. 1942 central grass plot.

26

TINOSPORA CORDIFOLIA Gr Menispermaceae

சுண்டிக் கொடி

Fl Cream

Fr

Leaves.

M.G.I.C.(23) F.B.I.B.153.

Flowers early, finished by mid January fruit ripe

402
Leguminosae
II Caesalpinioideae 10 Cassieae
ஆவாரை

CASSIA AURICULATA

Fl. Yellow.

Fr.

Leaves.

M.G.(102) J. F.E. 27. F.C.L.S, 40. E.B.1.115.

Ser 3 playing field etc

540
~~539~~

BLASTANIA GARCINI

~~MELOTHRIA HETEROPHYLLA~~. Gr Cucurbitaceae.

முசுமுசுக்கை

Fl White

Fr. ◯ bright red.

Leaves

N.B. Stipule fringed buds.

Common in Vanacharkas & in hedges.

M.G. (133) J.

1023.

DYSOCHORISTE LITTORALES Acanthaceae.

Fl. Purple.

Fr.

Leaves

often rather bare sticks no thorns.

M.G. (217) J.

a low lying 'stick' y shrub with sml purple flowers in dry field.

1067.

LEPIDAGATHIS PUNGENS Acanthaceae

Fl. Pale pink April.

Fr.

Leaves. OPP. like holly, prickly.

M.G. (221) J. E.B.I. 70

Among grass in D spiny toothed sleepless leaves, low lying.

1179.

ALTERNANTHERA TRIANDRA Amarantaceae

கொடுப்பைக்கீரை

Fl. silver white.

Fr.

Leaves.

Leaves edible, rich in iron.

(245)
M.G. ~~Sxix~~. D. J.

Like Allmania nodiflora but much smaller 4-6" tall only or procumbent

S of N of Engine Room bridge in streambed lots of N beside the bridge

(Gamble) LOCHNERA

~~VINCA~~ PUSILLA

809.

Apocynaceae

Fl. White

Fr.

Leaves

S. S. 190.

M.Q.(171) J. E.B.1. 378.

small white star on long pedicels which soon curls 2" and thin

small hab in Let Bgurrd.

Fowris Jam

363
Leguminosae

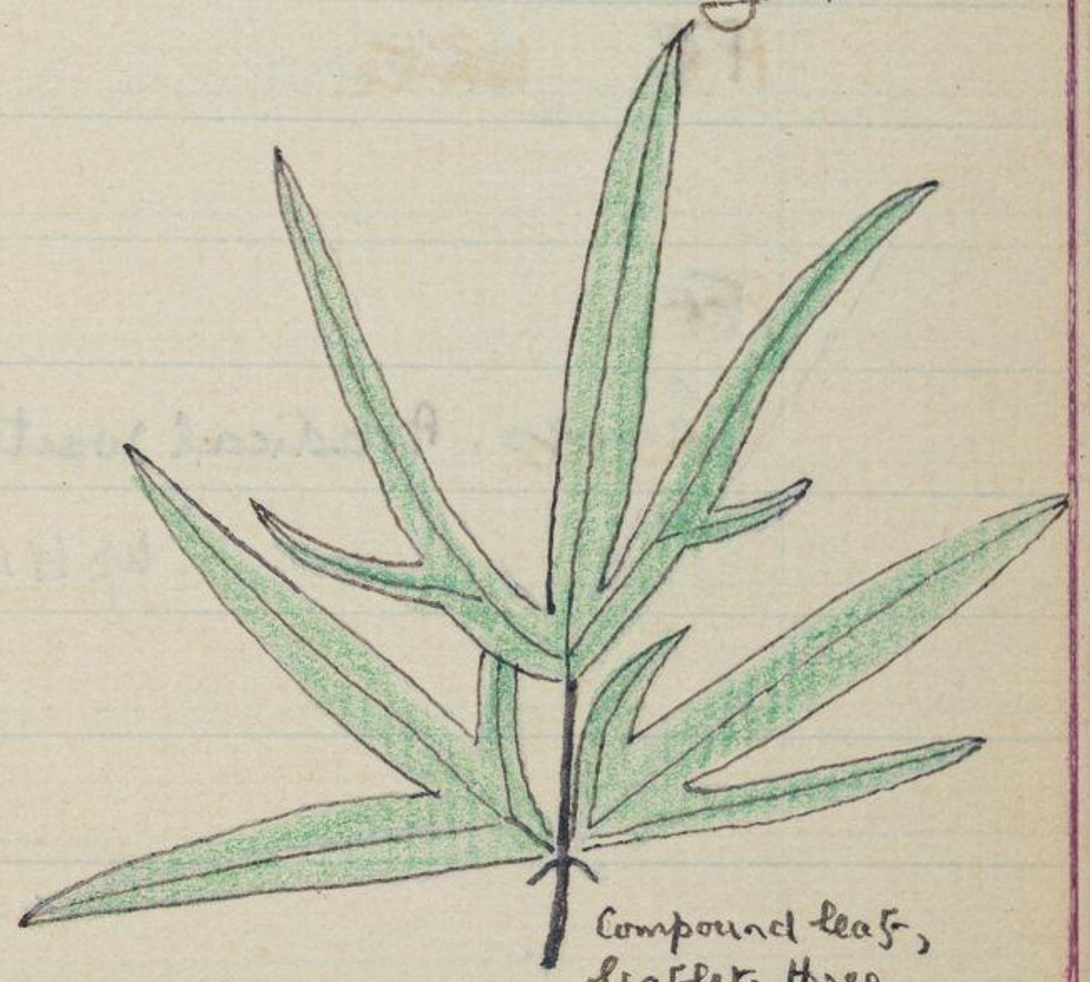
PHASEOLUS ACONITIFOLIUS. I Papilionatae 6 Phaseoleae

கல்பயிறு.

Fl. Yellow

Fr.

Leaves.



Compound leaf,
leaflets three.

Paddy fields beside channels.

731.

LACTUCA RUNCINATA. Compositae II. Cichoriaceae

FR Yellow Jan.

FF.

Leaves. Radical rosette, but also in tall plants some way up the stem.

up to 4 ft tall.

S.S. 182.

M.G. XVII. E. (150)

879.

CANSCORA SESSILIFOLIA Gentianaceae

F.(Pink

Fr

Leave

M.G.(84)

Up to 6" tall near Tank ridge dichotomous cymes. Winged stem. leaves pp. sessile. Lightness smaller

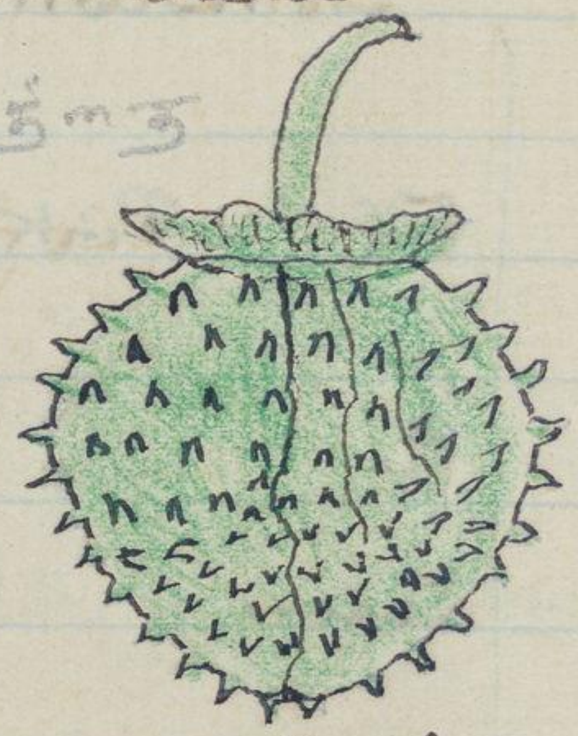
122

941

DATURA FASTUOSA Solanaceae

ஊமத்தை

Fl. White (larger ~~Smaller~~ than 123)



Two in leaf axil. hanging down.

Fr. →

Leaves.

S.S. ~~122~~ 218.

M.G. ~~XXIII~~ B. (200)

941

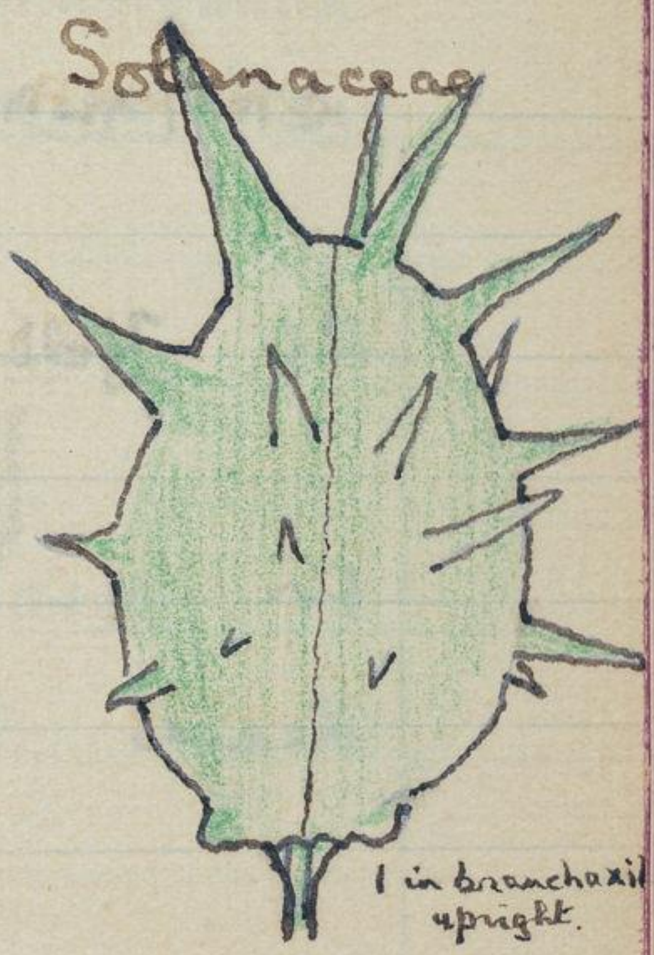
Solanaceae

DATURA METEL

Fr. White (~~Smaller~~ ~~larger~~ than 122)

Fr. ⟶

Leaves.



M. G. (201)

301
Leguminosæ

CROTALARIA LABURNIFOLIA L. Papilionatæ 1. Genisteæ

Fl. Yellow

Fr on 1" stalk

Leaves three leaflets

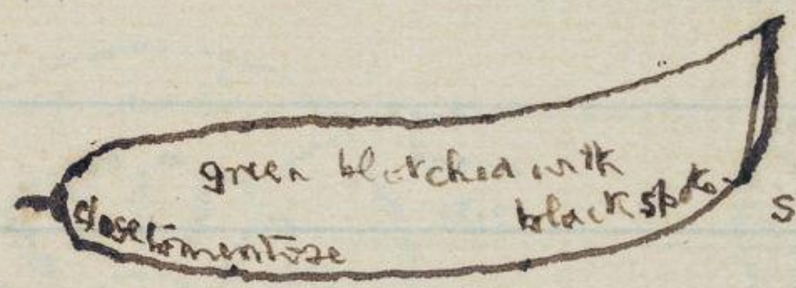
M.G.(84)

4-5 ft shrub. N edge of Sec 3 Clayey ground

350.
Leguminosae

ABRUS FRUTICULOSUS I Papilionatae S. Viceae

Fl. Pink purple, pale

Fr. 

Leaves. leaflets very much smaller than A.P. 54.
11 pairs

R small bush or shrub opp. Public Square in P.L. Neighborhood

12b

404

Leguminosae

CASSIA ANGUSTIFOLIA Vahl Caesalpinioideae 10 Cassieae

Tinnevelly Senna

Fl. Yellow

Fr.

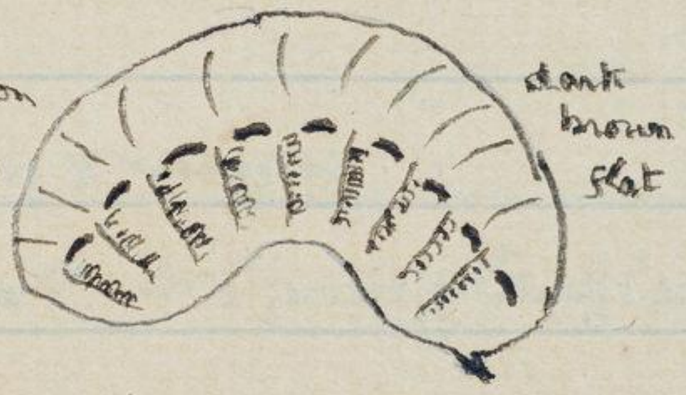
Leaves. Grey green

narrow leaflets. 3ft high bush Oct 3 field

402
Leguminosae

CASSIA OBTUSA II Caesalpinioideae, 10 Cassieae

Fl. Pale yellow small



Fr. erected on valves opposite seeds.

Leaves



4-6 pairs of leaflets.

each leaflet stalk orange colour enlarged.

Prostrate herb

Leaves used as substitute for senna.

M.G. (183)

prostrate on Sevi fild. Sand. Senna
leaves used as substitute for Senna.

293.
Leguminosæ

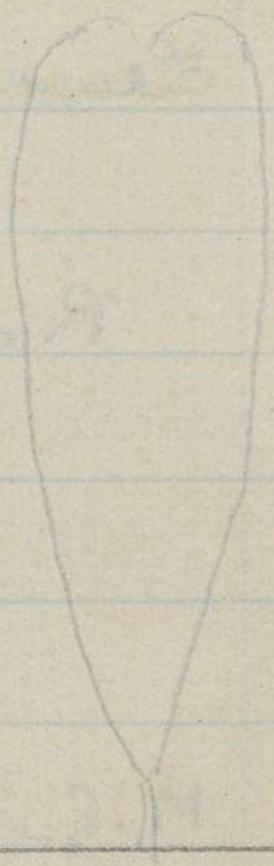
CROTALARIA RETUSA L. Papilionatæ 1. Genisteæ

Fl. Yellow upper petal lined with dark red.

Fr.

Leaves.





M.G. IX. A. (83)

Bush 2 ft high.

401.
Leguminosae

CASSIA SOPHERA ∏ Caesalpinioideae 10 Cassieae

Fl. Orange-yellow

Fr. Reylong Thanow

Leaves. Comp. 4-5 pairs leaflets

1-2ft shrub.



Compound leaf.
leaflets 5 pairs.

M. G. (102)

dark green 2ft shrub flower small ½"

1340

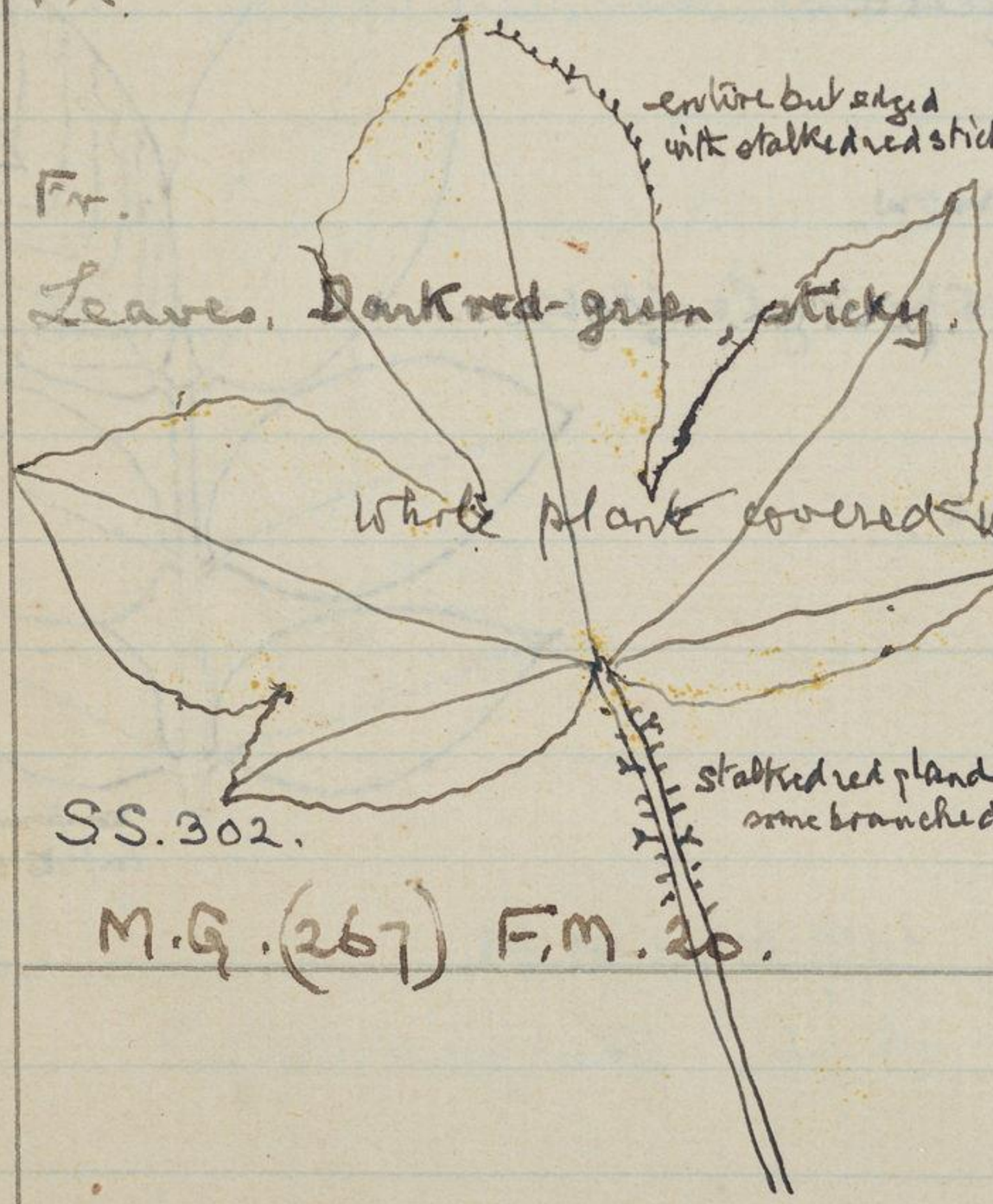
JATROPHA ~~GLANDULIFERA~~ GOSSYPIFOLIA

Euphorbiaceae

கள்ளாமணக்கு



Fr.



Fr.

Leaves. Dark red-green, sticky.

SS.302.

M.G.(267) F.M.20.

E.B.1.306.

402.
Leguminòseae

CASSIA SIAMEA = Caesalpinioideae, ro Cassieae

Fl.

Fr.

Leaves.

F.M. 7.

Round Anil Dasna's Farm.

1163.

BOERHAAVIA VERTICILLATA Nyctaginaceae

White Boerhaavia

Fl. White.

Fr. with arrowy glands round the top.

Leaves.

Wild white Potato near Mt of Silo

90.

SIDA RHOMBIFOLIA Malvaceae

Fl. Yellow.

Fr.

Leaves. few small

M. G. (38) IV. D.

N g Silo near hedge

3rd Valley bell pit SE corner near Chettimedu hedge

134

294

Leguminosae

CROTALARIA TECTA. I Papilionatae. 1. Genisteae

Fl Yellow sepals purple-brown.

Fr.

Leaves. Simple ALT.



1–1½' high simple flowers upright slender branch



fruit size leaves simple. On mainland and Wash.

319.
Leguminosae

TEPHROSIA MAXIMA I Papilionatae 3. Galegeae

Fl.

Fr.

Leaves.

M.G.(94)

v. large flower few ups one stalk in Pl. W. of Sichuan

111.

WALTHERIA INDICA. Sterculiaceae

Fl Yellow.

Fr.

Leaves.

M.Q.V.A(50)

1. W.g Bowkenid room V.C Hickory large bush like plant
Sl like cockroaches fruit small
2 Myelt above Bower river

692.

SPHAERANTHUS INDICUS Compositae. 4. Inuleae

Fl. Purple  Compound, globular, ovoid.

Fr.

Leaves.

M. G. XVI G (158)

Common in Paddy land. Winged stems

949.

STEMODIA VISCOSA Scrophulariaceae

FR DEEP PURPLE single in leaf axils

F.r.

Leaves. OPP. R stem clasping.

N.B. Whole plant is covered with shining sticky hairs.
6-8" high.

S.S. 220. Very many flowers on each plant regularly appearing of
M.G. (207) flowers and leaves. E.B.1. 390

on Rice land bunds after fields dry out March

421.
Leguminoseae

MIMOSA PUDICA ~~III~~ Mimosoideae 15 Euminoseae.
Sensitive Plant.
Fl. Purple ~round.

Fr.

Leaves.

M.G. (106)
Seymour Creek Reserve.

548

Cactaceae

OPUNTIA DILLENII

Common Prickly Pear.

Fl Yellow.

Fr.

Leaves.

S. S. 138.

Fruit edible (with care)

G.P.41. M.G. XIV A.(136)

EUPATORIUM ODORATUM Compositae.

Fl. Blue sweet scented

Fr.

Leaves.

M. G. (157)

1528

IPHIGENIA INDICA

Liliaceae

Fl. Dark purple.

Fr.

Leaves.

M.G. (288)

Used as pot herb in the Sylhet. Also in N'Kdm
+ K'Dayka
+ Vadahatekim.

1099.

CLERODENDRON INERME Verbenaceae.

Fl. White to pink. v. long purple stamens. axillary 1 or 2.

Fr.

Leaves. OPP. AD. BL. G.  thick. fragrant.

M.G. (231)

736.

Campanulaceae

LOBELIA TRIGONA

Fl. Deep Purple. on long stalk single in leaf axils lower lip deeply trifid.

Fr.

Leaves. ALT.

M.G.S.(20) F.III.404.

near Engulakunicha; and in marshy places near tank.

862

CRYPTOSTEGIA GRANDIFLORA R. Br. Asclepiadaceae

Fl. Purple to white.

Fr.

Leaves.

F.E. 66. F.C.L.S. 239. M.G. XIX. A. (177)

Native of Tropical Africa sometimes in hedges.

1559

PHOENIX PUSILLA ~~Phoenicaceae~~ Palmaceae

சாந்து

Fl. Feb. 1945.

Fr. end of March 1945.

Leaves

Near அடம்பன் Fg. Nandy Redakkalai

297.
Leguminosae

CROTALARIA VERRUCOSA I Papilionatae 1. Genisteae

Fl. Blue (the only blue Crotalaria)

Fr.

Leaves

S.S. 104.

M.G.(83) F.E 88. F.C.L.S. 148 ~~E.B. 1. 266.~~

S.E Farm land near 2nd well.

1166.
Amaranthaceae

CELOSIA ARGENTEA

Fl. Pink turning to glistening white up to 4" of flowers.

Fr

Leaves.

S.S. 256.

M. G. (240)

Leaves edible.

Common at Puppunthal.



silver white spike upto 4" long on tall stalk.

1276

EUPHORBIA THYMIFOLIA Euphorbiaceae

Fl

Fr.

Leaves

M.G.(261)

Prostrate minute leaves many involucres flw a green weed
Plant on the ground

1012.

CARDANTHERA BALSAMICA. Acanthaceae

R. Pink (a little like Justicia proc.) in groups of 3 or 4 pairs on short double leafaxil. nostalk

Fr.

Leaves. OPP — next!

Rice fields on way to Nulla mara Kulam May 4"
erect or decumbent

1275

EUPHORBIA ROSEA

Euphorbiaceae

FR. White looking one in each axil (Limb of gland pink)
Two upper petal like lobes much longer than the others.

Fr.

Leaves. OPP. ¼" long

Flat prostrate pressed close to the ground

M.G. (261)

Beside the road in the Annaddura Land. May.

152

896

HELIOTROPIUM OVALIFOLIUM Boraginaceae

Fl. White (v. small) Scorpioid cymæ, terminal, Nov.

Fr. nuts dark brown densely hairy (white hairs)

Leaves

S.S. 196.

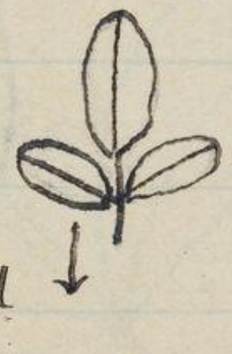
3845 E. B. I. 275.

Like the New Heliotropium but smaller. In dry Vid nr Kotha Paddy land E bank Sendaue E path across fields to Korasery tank. Common upright small. Common in W side of bed of Erivadi Tank by on the wall Covers it.

310
Leguminosae

INDIGOFERA TRITA I Papilionatae 3 Galegeae

Fl. (May) Pink-purple

Fr. (May)  1" with spine at end growing close to main stalk

Leaves. Trefoil ↓

1-2' ft high. reminiscent, in seed, of I. tinctoria.

EP

Same position as 152 on riverbanks but by
train path

1098.

GMELINA ASIATICA

Verbenaceae

Fl.

Fr.



Leaves.

Bush or very small tree.

M.G. XXVIII. B. (230)

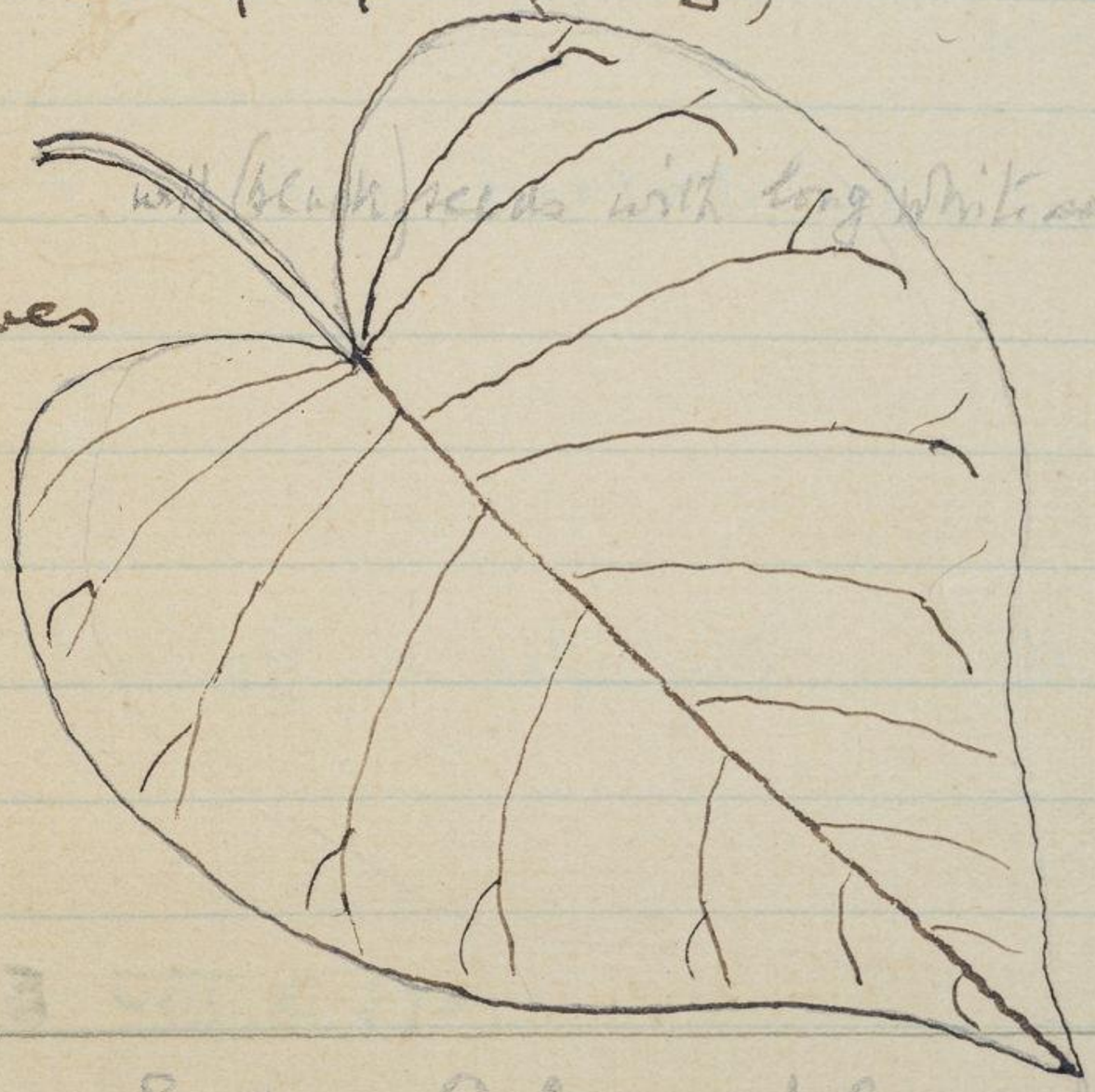
919.

IPOMOEA ~~CAMPANULATA~~ CARNEA Convolvulaceae

Fl. Pale purple (large)

Fr

Leaves



Orange Garden Stafford behind Dandelion Avenue, home

Strasburg, Pa.

156

1259.

VISCUM ARTICULATUM Loranthaceae

346

F♀. Opp sessile groups of ♀ flowers buds enlarged at end stems to fruit

×½ ♀ four petalled

F♂. Single ♂ in branched axils, containing 1 ? seed

Leaves

Cactus-like Epiphytic or Dorsiv?

E.B.I. 209

253.

DODONAEA VISCOSA

Sapindaceae.

வருசி

R.

Fr.

Leaves.

M.G. VIII. E (70)

158.

833

OXYSTELMA ESCULENTUM Cr. Asclepiadaceae

Fl.

Fr.

Leaves.

34
Nymphaeaceae.
நாமதை

NELUMBIUM SPECIOSUM

The Lotus.

Fl.

Fr.

Leaves.

E.B.T. 238,239. M.G.(25) E.Bl. 324/5.

CRISTATA

EUPHORBIA FIMBRIATA Euphorbiaceae

Fl.

Fr.

Leaves.

M.G.(261)

Brought in with 261 & 152 by Ens from Vachharchemadhi Cpy
Nasik Range

Nasik Range V. small.

33

~~Nymph~~ NYMPHAEA PUBESCENS

Water-lily

Nymphaeaceae



M.G. II A (24) Q.P. 4. E.B. 1. 323,4.

220

ZIZYPHUS OENOPLIA Scandent Rhamneae

ஒகாக்கிழங்

Fl

Fr புளிச்சம்பழம்

Leaves.

Sometimes a Dwarfed is found with all the leaves dwarfed & crowded together, due to ? a blight.



M.G.(66)

Common in the hedges. very thorny curved thorns

1578.

TYPHONIUM DIVARICATUM

Araceae

Fl Like an Aram - lily - deep crimson.

Fr.

Leaves.

M.G. XXXVII C. (300)

Near Suka Chavadi by hedge.

அ தேன் பனாரை

110

MELOCHIA CORCHORIFOLIA (Linnaeus) NUDIFLORA Sterculiaceae

Fl. Pale pink (yellow centre inside.) petals do not fall easily.

Fr. Roundish hairy capsules.

Leaves.



almost glabrous.

Leaves edible.

M.G.V.C. (49)

On paddy land paths Dec. superficially like Sida only pink & 5 stamened

219

ZIZYPHUS JUJUBA

Rhamnaceæ

கிலந்தை

Fl.

Fr.

Leaves.

M. G. VII D (66) F.M. 43. E.B, I. 347

2444

CARDIOSPERMUM HALICACABUM Cr. Sapindaceæ

Fl.

Fr.

Leaves. ALT. Bipinnate leaflets 9.

M.9.VIII D (70) F.E.91 E.B.1.83,350

Memoria per la Biblioteca Vana

235

CISSUS SETOSA Cr. Vitaceae

Fl.

Fr.

Leaves Comp. Leaflets 3. Stalky, stiff hairs on both sides. ovate.

M.G.(68)

In hedges e.g. Inam Garden Wside

168

1275

EUPHORBIA HYPERICIFOLIA

Euphorbiaceae

F.P Petal-like limbs pinkish-white small, equal.

Fr. Capsules hairy

Leaves ½-1½ slightly serrate & hairs marginal

M.G.(261)

Erect. just N of Silo by well.

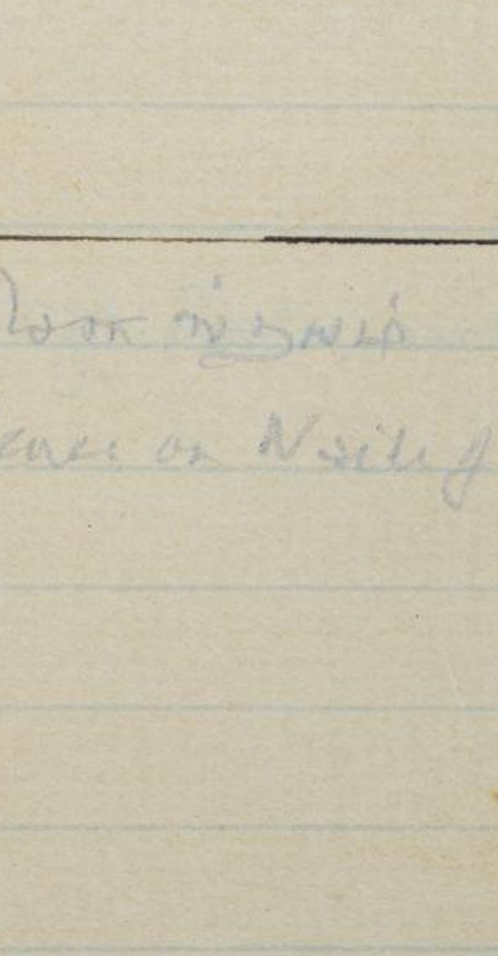
311
Leguminosae

INDIGOFERA SUBULATA Cr, Papilionaceæ 3. Galegeæ

Fl. Pink in long (6"+) racemes in axils of leaves.

Fr.

Leaves. ALT. leaflets 5. K



subulate stipules.

On Western Hedge of Garden N. Bank Dec.
Hedge just N. of wire fence on N. side of road between farms.

170

1140

MALABARICA

ANISOMELES ~~RUSSELLIANUM~~ (cp Backer II Noib) Kabi'alai

Malabar Thumbai

பெருந்தும்பை

Fl. Purple-pink long lower lip $\frac{7}{20}$ broad (Koorthkar II. 16)
more lilac purple than pink

Fr

Leaves. OPP. Grey tomentose. thick lanceolate, acute. crenate serrate



grey woolly tomentose. aromatic.

Common in Cactus Hedges & Jostled Land

452

DROSERA BURMANNI Droseraceae

F-l White

Fr.

Leaves a tuft at the base of the flowering stalk.
Covered with gland bearing red hairs

M. G. XL A (112) E.B.1.132.

Near the shallow edge borders of Tanks, on damp ground

172

452

DROSERA INDICA

Indian Sundew.

Droseraceae

Fl. Pink

Fr.

Leaves. Alt. narrow linear. upper part fringed with red gland bearing hairs.

M.G. (113) G.P. 72

As last. Near the shallow edge borders of tanks, on damp ground.

Kadampodu valley Tank in Bay of land near solitary banyan.

1277

EUPHORBIA ANTIQUORUM Euphorbiaceæ

Fl. Greenish.

Fr

Leaves

Ordinary angled 'cactus'

M.G. ~~XXXI~~ A (260)

1505

AGAVE AMERICANA

Amaryllidaceae

American Aloe.

~~கற்றாழை~~ கற்றுணைழி
(= கல் தாணைழி)

FR.

Fr

Leaves

G.P. 115.

Nature of Dry Subtropical America

547

CEREUS HEXAGONUS Cactaceae

Fl. Lohita. v. large: opens at night. fades by 9. a.m.

Fr.

Leaves



M.G. (135)

Native of West Indies.

176.

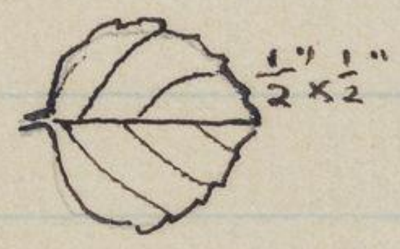
959

VANDELLIA CRUSTACEA Scrophulariaceae

Fl. Pink-purple - single ca 1½" across in leaf axils

Fr.

Leaves. ovate broader than long



M.G. ~~XXIX~~ D. (208)

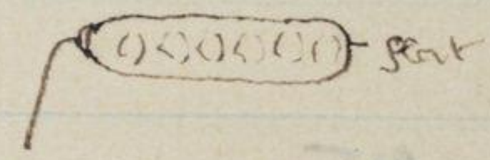
Like Glycosmis but broad leaves & long stalked axils pink-purple flowers Kadamboda valva South Wood.

334
Leguminosæ

PSEUDARTHRIA VISCIDA I. Papilionatæ. 4. Hedysareæ.

Fl. Scarlet: v. small, in long raceme

Fr.



Leaves. Leaflets 3. The flowering branches come from the axils.

Whole plant sticky with glandular hairs.

M.G.(78) J.

In hedges near Lotus Pond, + Kodai beyond Red Lake V. May
Also in Naraikhandu

178

331

Leguminosae

AESCHYNOMENE INDICA L. Papilionatae & Hedysareae

Fl. Pale yellow. single or in pairs, red lines on petals.

Fr.

Leaves ALT. Leaflets up to 28 pairs. small.

5

On wettish Paddy land.

883

LIMNANTHEMUM CRISTATUM Gentianaceae

Fl. White longitudinal crest along middle of each lobe of corolla

Fr.

Leaves, Almost round leathery floating

M.G. XX C. (182)

Lakes north & east of Red Lake

180

1530

EICHHORNIA CRASSIPES Pontederiaceae

Water Hyacinth

Fl.

Fr.

Leaves.

A floating plant

S.S. 306.

M.G. ~~XXXVI~~ L.A. (289)

Native of America. A serious pest.

896

HELIOTROPIUM INDICUM. Boraginaceae.

FR. Spike 2-6" long. Pale Blue. small

FN 'Deeply 2-lobed

Leaves Alt. Ovate, Rain on both side. margin wavy.



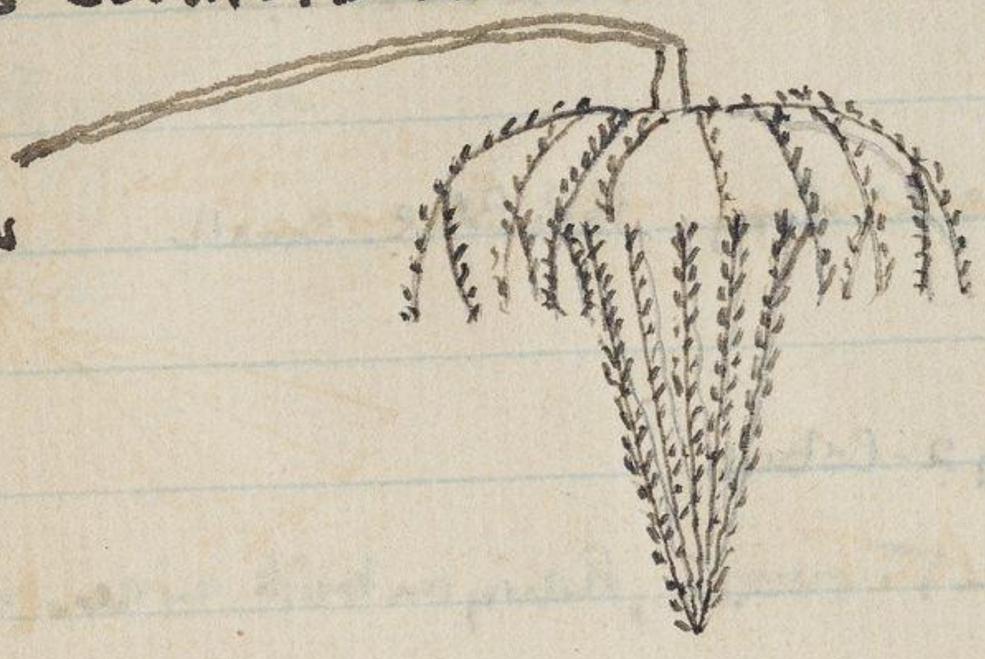
S. S. 198.

M. G. XXI D. (189) F.E. 90.

16v

97.
Malvaceae

HIBISCUS SURATTENSIS



calyx
covered with backward-
turning prickles.

Fl. Yellow

Fr

Leaves

a prickly trailing plant.

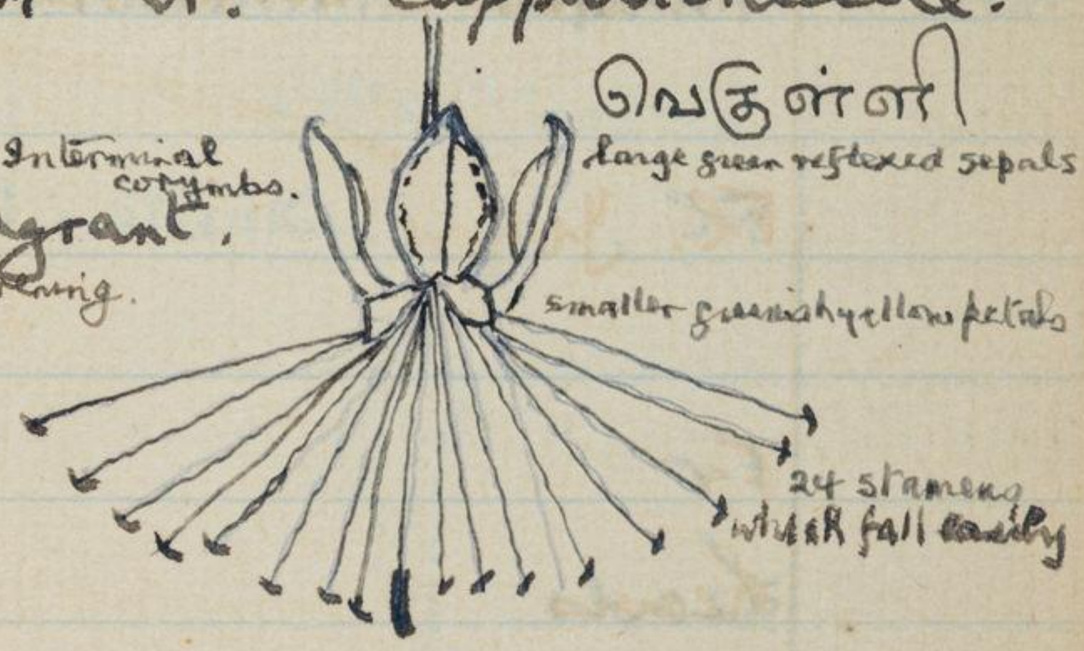
Stipules Phaceous, semi-sagittate

In hedges near Lotus Tank Laigam Rd Lalla

42

MAERUA ARENARIA Cr. Capparidaceae.

வெகுளாளி

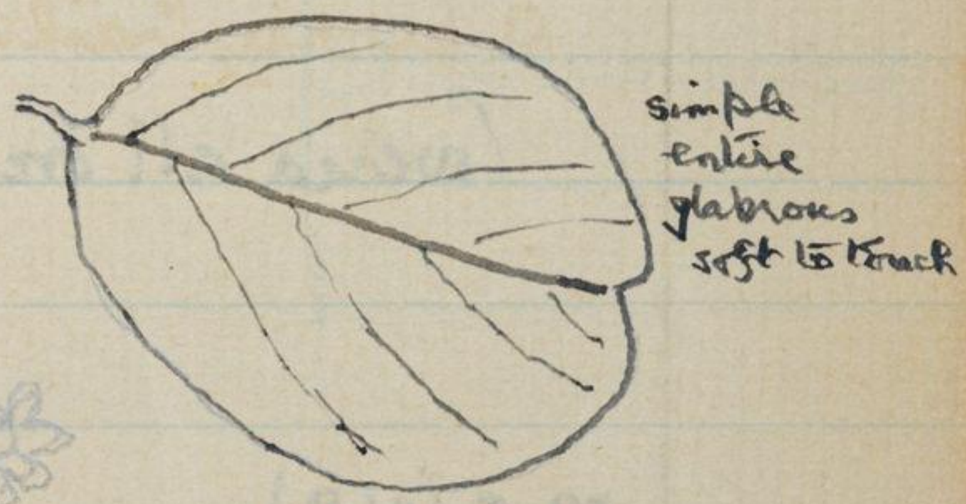


Fl. Greenish yellow, fragrant.
opens in the evening.

Fr.

Leaves. Alt.

Large climber.



Used leaves in medicine for cattle.
May 1943.

M.G.(29)

Aranna Sthala dry, shed west end, in hedge.

1333

TRAGIA CANNABINA Cav. Euphorbiaceæ

Indian Nettle. தேள்கொடுக்கி (am தேள்கடுகி)

Fl.

Fr

Leaves.

Covered all over with stinging hairs.

M.G.(268)

On rocks of Malaiyan Tamil bank W. Slope Head.

981

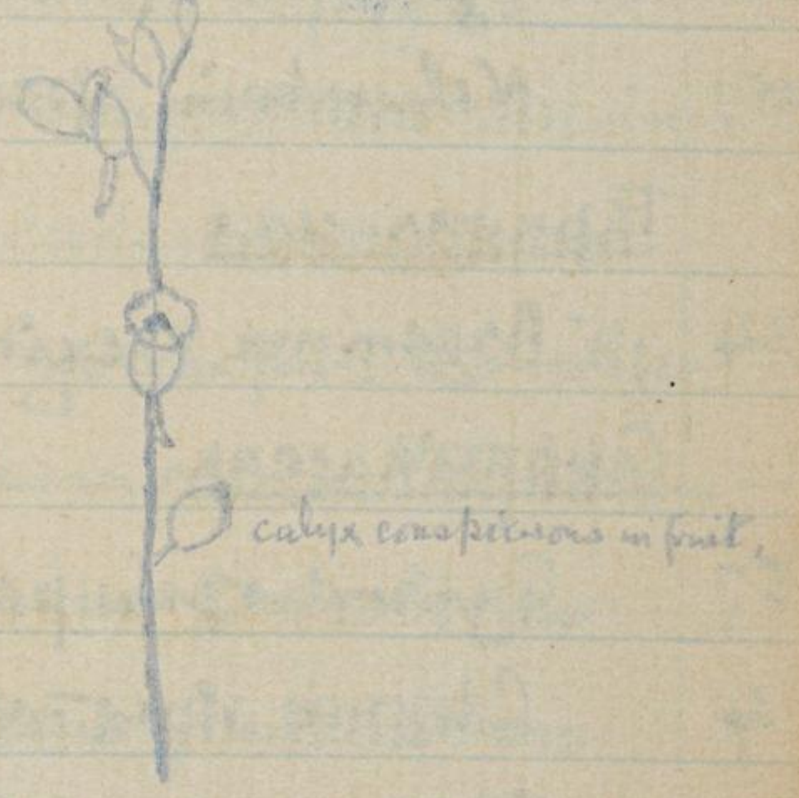
UTRICULARIA STRICTICAULIS — Lentibulariaceæ

Deep mauve

Fl. Blue with darker blue streaks.

Fr.

Leaves



M.G.S. III. (29)

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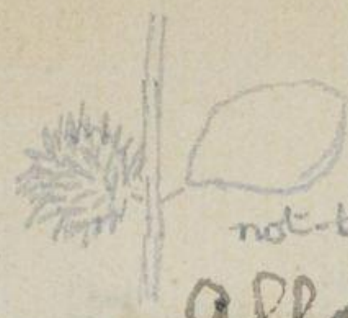
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	~~Spermacoce stricta~~	M·28	✓ 42.
	Phyllanthus niruri	M·77.	✓ 43.
	Achyranthes aspera.	M·75	✓ 44.
	Clitoria ternata.	M.69	✓ 45.
	Amaranthus viridis	M.74	✓ 46.
	Tridax procumbens.	M.55	✓ 47.
	Corchorus acutangulus		✓ 48.
	Indigofera enneaphylla.	M.10.	✓ 49.
	Pupalia lappacea	M.58	✓ 50.
	Acalypha indica		✓ 51.
	Coccinia indica	M.65.	✓ 52.
	Gloriosa superba		✓ 53.
	Abrus precatorius	M.50	54.
	Corchorus trilocularis		✓ 55.
	Barleria ~~prionitis~~ cuspidata	M.27	✓ 56.
	Gynandropsis pentaphylla		57.
	Tritaxis heddomei	M.53	58.
	Pergulia		
	~~Dadmia~~ extensa	M.15	✓ 59.
	Indigofera tinctoria	M.8.	60.

1.	~~Physalis~~ Trichodesma indicum.	M.48	61.
2.	Croton ~~sacciferus~~ sparsiflorus.	M.145.	62.
3.	Ipomoea sepiaria		63.
4.	Acanthospermum hispidum	M.31.	64
5.	Crotalaria globosa	M.7.	65
6.	Hygrophila spinosa		66
7.	Celosia polygonoides.	M.49	67
8.	~~Argyreia~~ Sida glutinosa		68
9.	Argyreia coromandeliana	M.111.	69.
10.	Phyllanthus maderaspatensis.	M.30.	70
11.	Aristolochia indica.		71
12.	Acalypha ciliata		72
13.	Trianthema portulacastrum	M.98	73
14.	Euphorbia hirta		74
15.	Andrographis echioides.		75
16.	ILYSANTHES HYSSOPIOIDES		76
17.	ILYSANTHES minima		77
18.	Striga lutea		78
19.	Synedrella nodiflora		79
20.	Blepharis boerhaaviaefolia	M.24.	80

	Desmodium triflorum	M.78.	81
	Tephrosia spinosa		82
	Tephrosia procumbens.		83
	Enicostemma littorale		84
	Moniera cuneifolia		85
	Cyanotis axillaris		86
	Cyanotis cristata	M.134.	87
	Rhyncosia minima		88
	Vitex negundo		89
	~~Moniera cuneifolia.~~	M.57	~~89~~
	Heliotropium scabrum	M.13	90
	Polycarpaea corymbosa		91
	Rhyncosia nummularia		92
	Trokia trifoliata.		93
	Blumea amplectens	M.109.	94
	Eclipta alba	M.142.	95
	Ludwigia parviflora		96
	Physalis minima		97
	~~Clerodendron~~ Barleria ~~longi~~ nocti flora.	M	98
	Biophytum sensitivum.		99
	Emilia		100

Commelina undulata.	M 101.	101
Allmania nodiflora		102.
Crotalaria biflora		103.
Gynura Cavanonica		104
Mollugo pentaphylla		105
Epaltes pygmaea.		106
Solanum nigrum.		107
Geniospermum prostatum		108
Cissus quadrangulus	M. 25.	109
Portulaca ~~tuberosa~~ quadrifida.		110
Portulaca pilosa.		111
Tinospora cordifolia		112
Cassia auriculata	M. 11.	113
Blastania garcini.		
~~Blastania heterophylla~~.		114
Dysphoriste littorale		115
Lepidagathis pungens.	M. 43	116
Alternanthera triandra	M 97.	117
Lochnera ~~Vinca~~ pusilla	M. 113.	118
Phaseolus aconitifolius.		119
Lactuca runcinata.		120

Canscora sessilifolia		121
Datura fastuosa		122
Datura metel		123
Crotalaria laburnifolia		124
Abrus fruticulosus.	M. 51.	125.
Cassia angustifolia.	M. 76	126
Cassia obtusa.		127
Crotalaria retusa.		128
Cassia sophera	M. 73	129
Jatropha ~~glandulifera~~ gossypifolia	M. 38	130
Cassia Siamea.		131
Boerhaavia verticillata		132
Sida rhombifolia		133
Crotalaria tecta.		134.
Tephrosia maxima	M. 6.	135.
Waltheria indica.	M. 22	136.
Sphaeranthus indicus		137.
Stemodia viscosa		138.
Mimosa pudica		139.
Opuntia Dillenii	M. 59.	140.

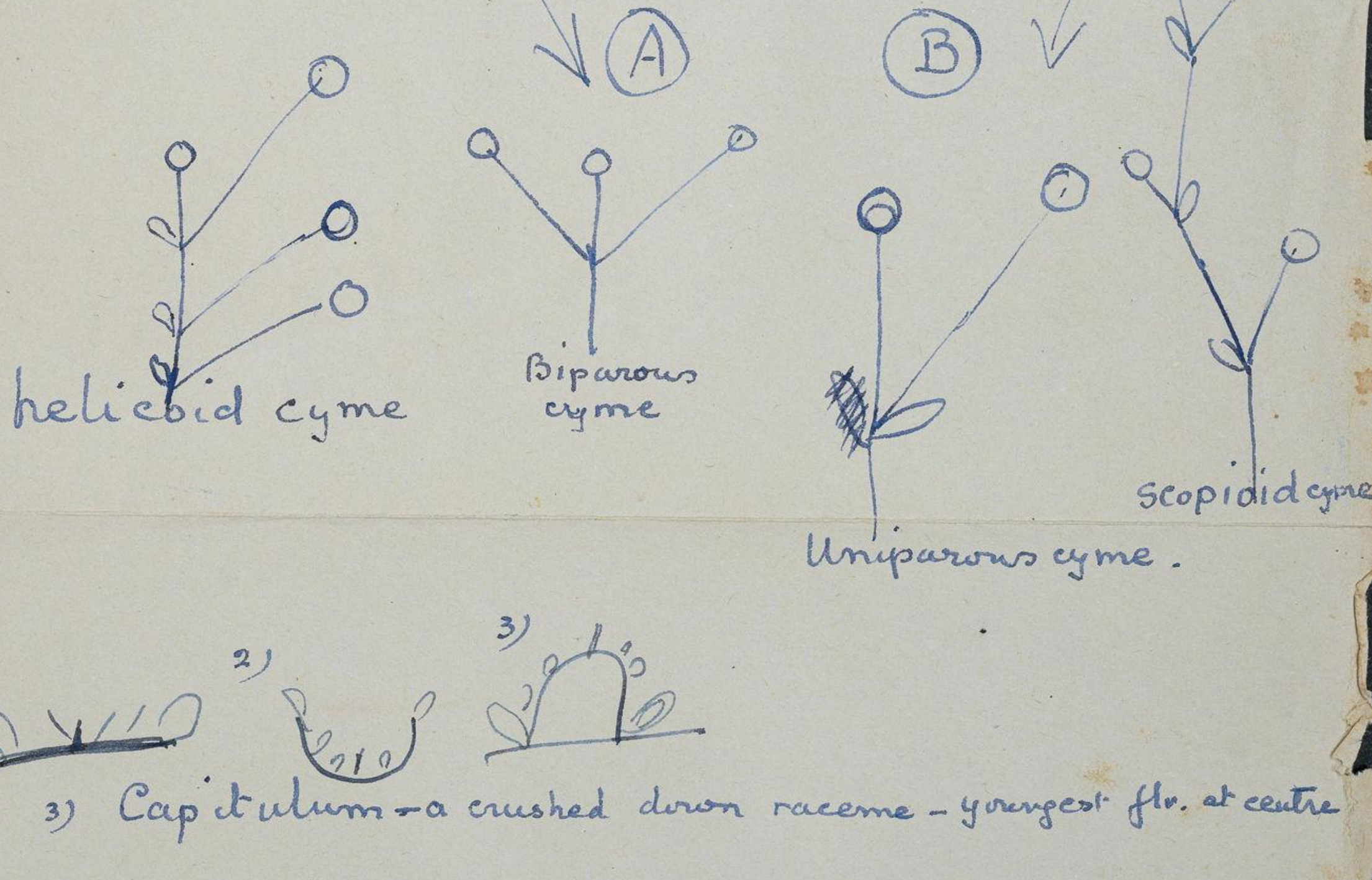
21	Eupatorium odoratum		141
22	Iphigenia indica		142
23	Clerodendron inerme		143
24	Lobelia trigona		144
25.	Cryptostegia grandiflora		145
26	Phoenix pusilla		146
27	Crotalaria verrucosa		147
28	Celosia argentea.		148
29	Euphorbia thymifolia		149.
30	Cardanthera balsamica		150.
31	Euphorbia rosea	M. 114.	151.
32	Heliotropium ovalifolium		152
33.	Indigofera trita		153
34.	Gmelina asiatica	M. 93.	154
35.	Ipomoea ~~campanulata~~ carnea		155
36.	Vocum articulatum		156
37.	Dodonaea viscosa	M. 70	157.
38.	Oxystelma esculentum		158
39.	Nelumbium speciosum		159
40.	Euphorbia fimbriata		160

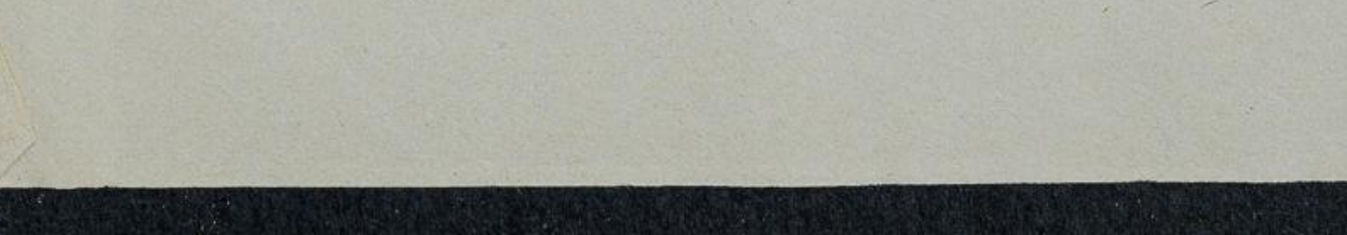
	Nymphaea pubescens		161
○	Zizyphus oenoplia	M. 33.	162
■ ○	Typhonium divaricatum		163
	Melochia nodiflora	M. 119	164.
	Zizyphus jujuba	M. 32	165
○	Cardiospermum halicacabum.		166
	Cissus setosa		167
	Euphorbia hypericifolia		168
	Polygonum subulata		169.
	Anisomeles ~~ruscelliana~~ malabarica	M. 35	170
	Drosera burmanni		171
	Drosera indica		172
	Euphorbia antiquorum	M. 61	173
	Agave americana		174
	Cereus hexagonus		175
	Vandellia		176.
	Pseudanthus viscida		177.
	Aeschynomene indica		178.
	Limnanthemum cristatum.		179.
	Eichhornia crassipes.		180.

Heliotropium indicum		181
Hibiscus Surattensis		182.
Maerua arenaria	M. 121.	183.
Tragia cannabina.		184.
Utricularia stricticaulis.		185.

Hostel Staff: Meeting Lowson Sahni - Botany -

(A.) Biparous cyme (B) Uniparous cyme



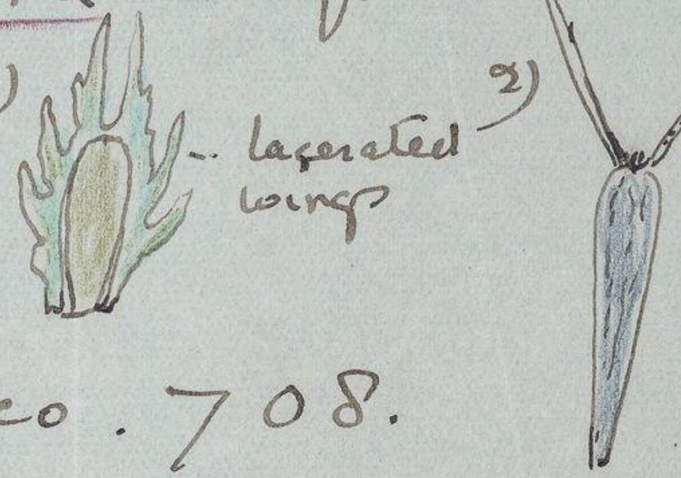


1) 2) 3) Capitulum - a crushed down raceme - youngest flr. at centre

Catkin = hanging raceme.

The plant I carelessly named Galinsoga — (too large to use the meroscope - apologies & humiliated)-

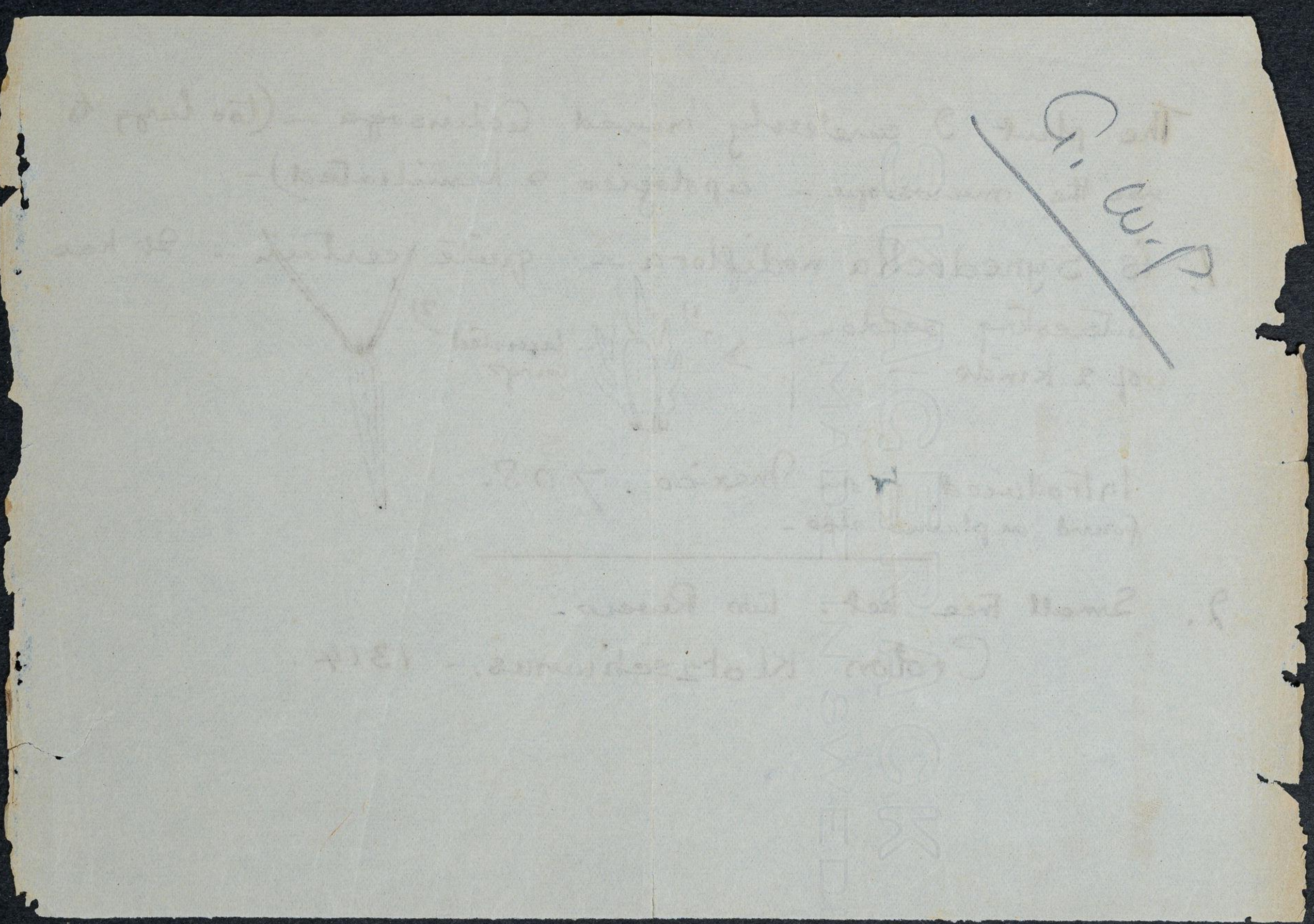
1. is Synedrella nodiflora — quite certain — It has interesting seeds of 2 kinds —

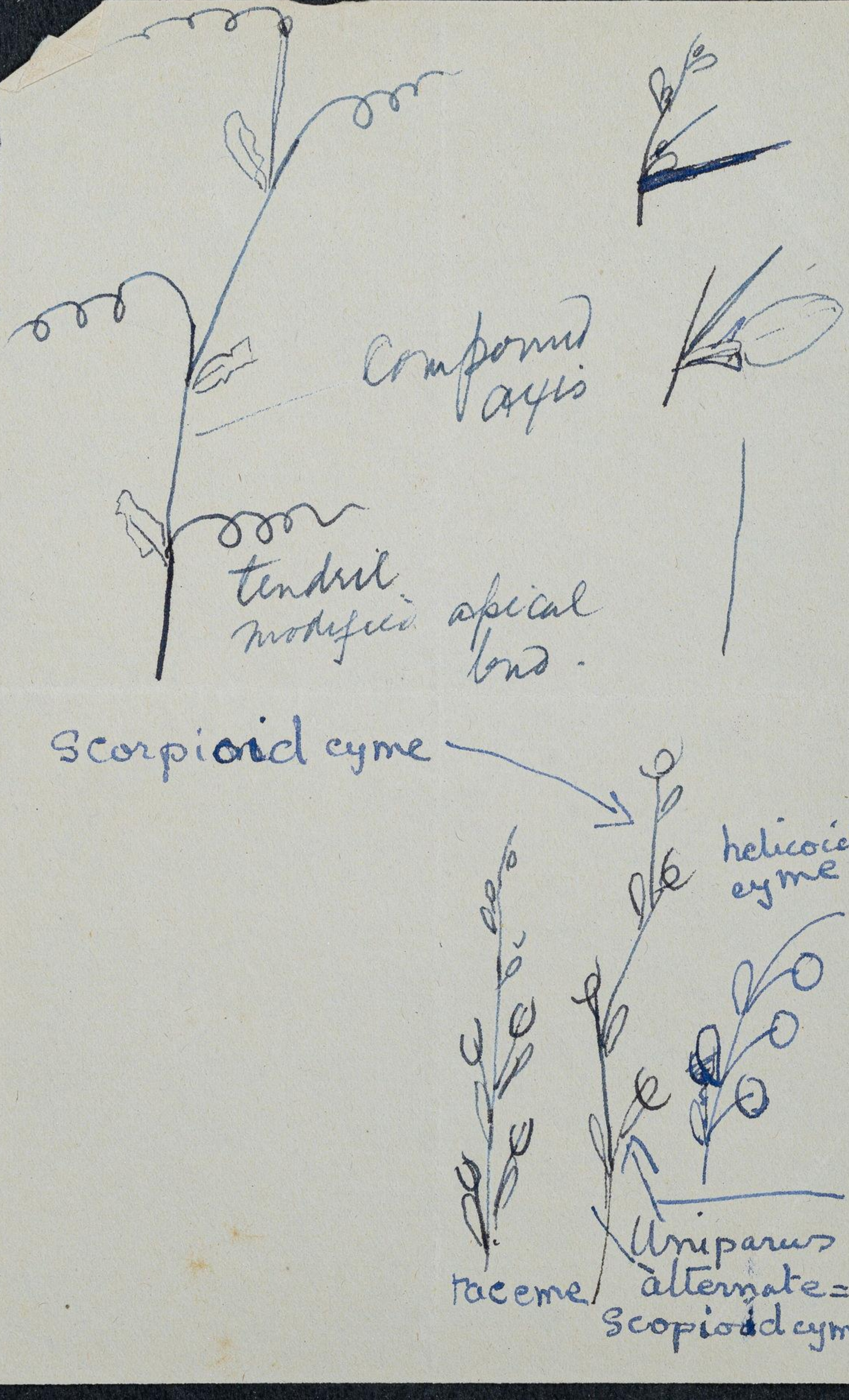


Introduced from Mexico. 1708.
found on plains also -

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2. Small Tree bet. two Rivers -
Croton Klotzschianus. - 1314.




Compound
Cayis
tendril
modified apical bud
Scorpioid cyme
helicoid cyme
raceme
Uniparous
alternate =
Scopioid cyme

