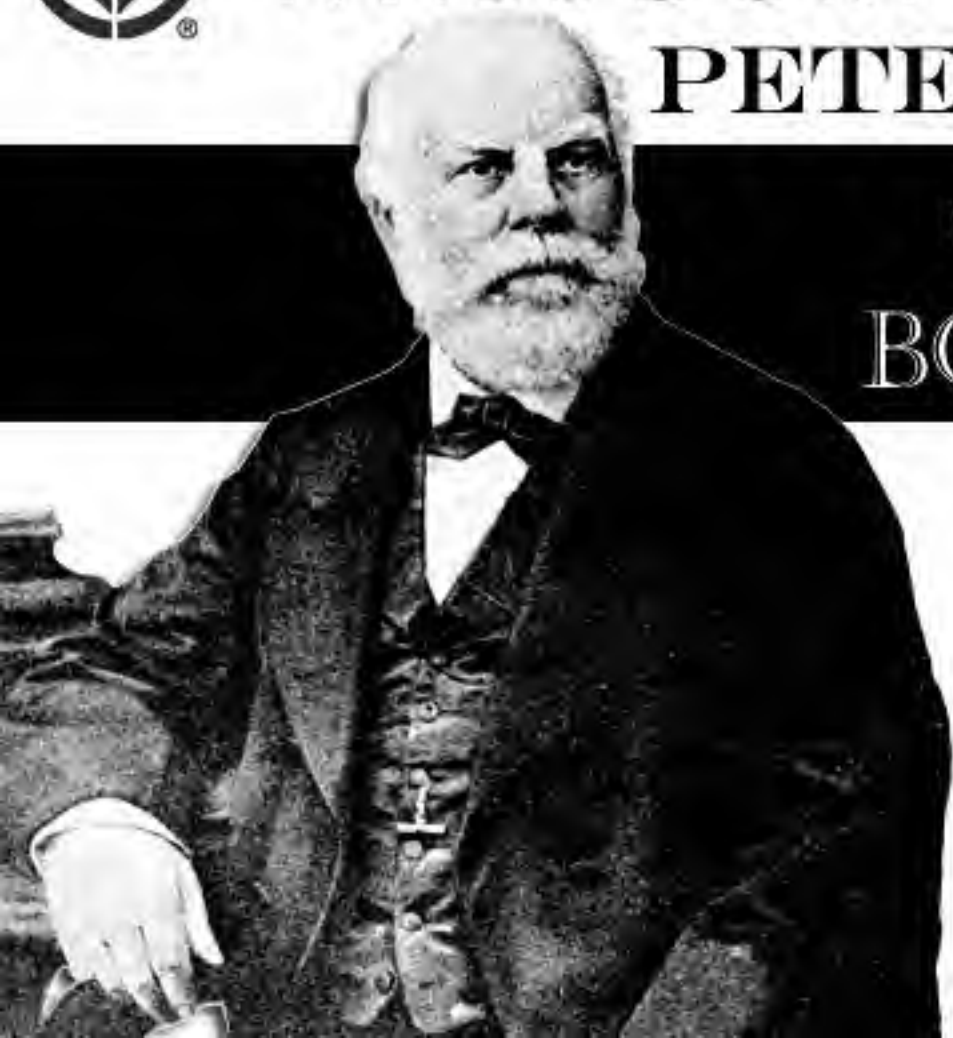




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BOTANICAL NOTEBOOKS

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49

P. Indica Lam.

388-9



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cm

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[Faint, illegible handwritten text]



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~~Engelm. spec. nov. et
= Hb. Acad. Berol.~~
etc.



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Euph. Madagascariensis n. sp.
Madagascar, 1846-48. Boissier
Hb. Mus. Mart.

Lam
= E. indica fide Boiss. Euph. 49 

Schimper Abyssin. 1284 is similar

perennis, erecta e basi ramosa
pedalis ~~glabrata~~ inaequalis
fol ovato-oblongis vel obliquis
obtusis, ~~sub~~ inferioribus venosis
apice serrulatis superioribus
integris, supra glabris subtus
paucis pilosis s. glabris,
rubro-venosis; pellucidis
perforatis, s. opacis
stipulis late triangularibus
ciliatis
ramulis apice filiformibus
foliis parvis bracteis
formis obsitis,
fl. parvis paucis terminalibus
anther. late campanulatis
appendic. albis orbiculatis
majoribus s. minoribus integris
s. emarginatis - ped. ~~unc. du~~
caps glabr. s. pilosulis ~~exsertis~~



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too near hypoglyph?



In Mauritius there is a second form with more hairy or rather adpressed pubescence and pubescent capsule

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[Faint, mostly illegible handwritten text, likely bleed-through from the reverse side of the page.]



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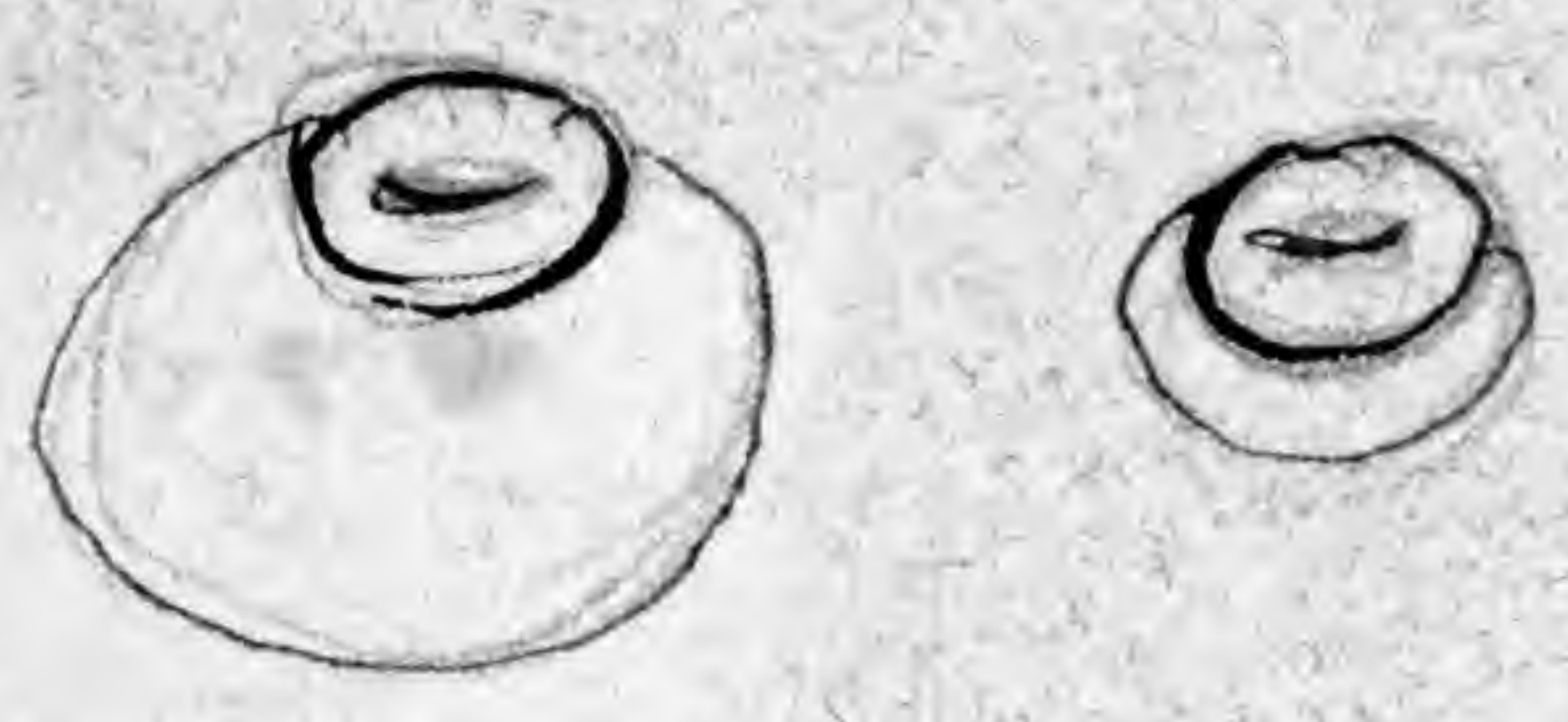
29

E. Indica Lam
for Boiss

hypericoides

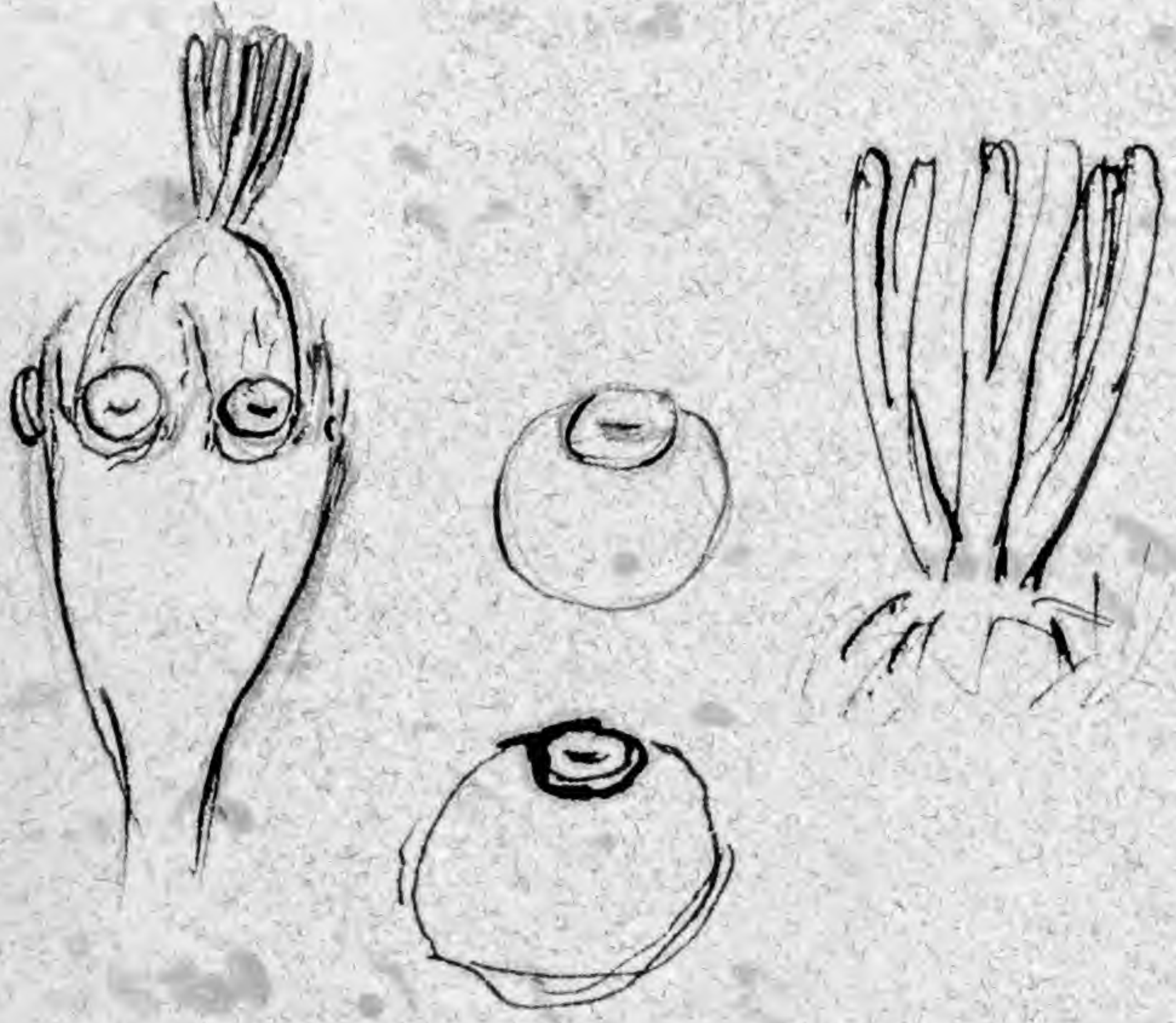


0.5



"*Euph. hypericoides*"

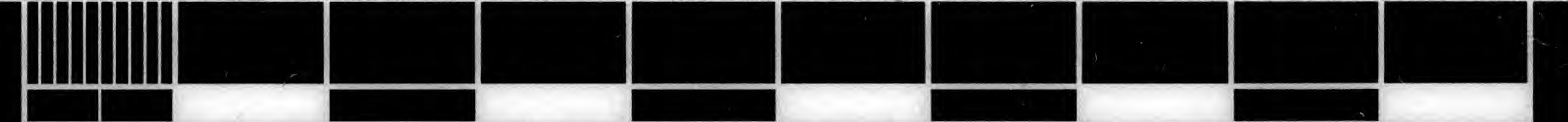
324 Kolyschy, Serman.



see same

Euph. granulata
608 Schimper, Abyssini.

Annua pratensis, caesoso-pubescent,
foliis e basi obliqua ovato-oblongis
obtusis, ^{acutiusculis} sinuato serratis, crenatis,
superioribus subinde integrisculis
stipulis e basi late lanceolatis subul-
tissimis, puberulis ^{capitulato multifloris}
caulis - glomerulis pedunculatis
lateralibus, plerumque aphyllis
foliisque breviores congestis
involucris primariis capituli late



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albo-appiculatis, ultimis
brevissimè appiculatis!

6888

appiculatis orbiculatis, integris
glandulis patelliformibus (vix
cyathiformibus) pubescentibus
(capsulis parvis) dorso subobtusis

stylis erectis brevibus, fere ad
medi-bifidis

seminibus ovatis acute angulatis
pressurè undulatis, obtusis

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Sennar & Abyssinia.

the first with shorter, the latter with a
little longer styles — no other difference
leaves 6-10 l. long 3-5 l. wide,
obtusely serrate;

some of heads 3-4 l. diameters or
pedicels 2 or 3 l. long; — ~~apples~~
involucres which open first, have
broad white margins appressed
the last ones very small & membranous
greenish ones! — Invol. itself
about 0.4 l. long; seed 0.5 l. long
dirty red brown or blackish. —
Intermediate betw. pilulifera & hypericifera.



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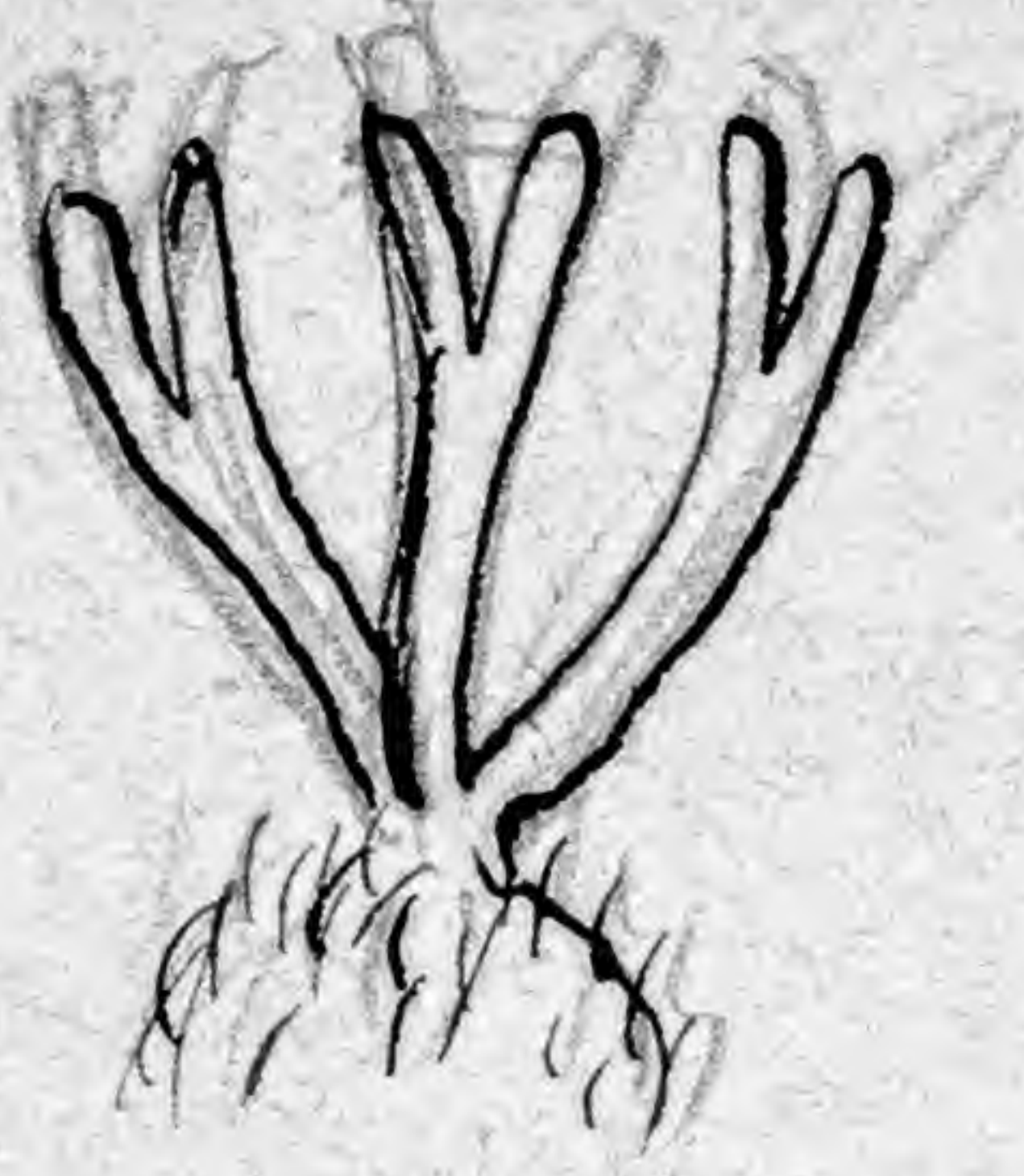
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49

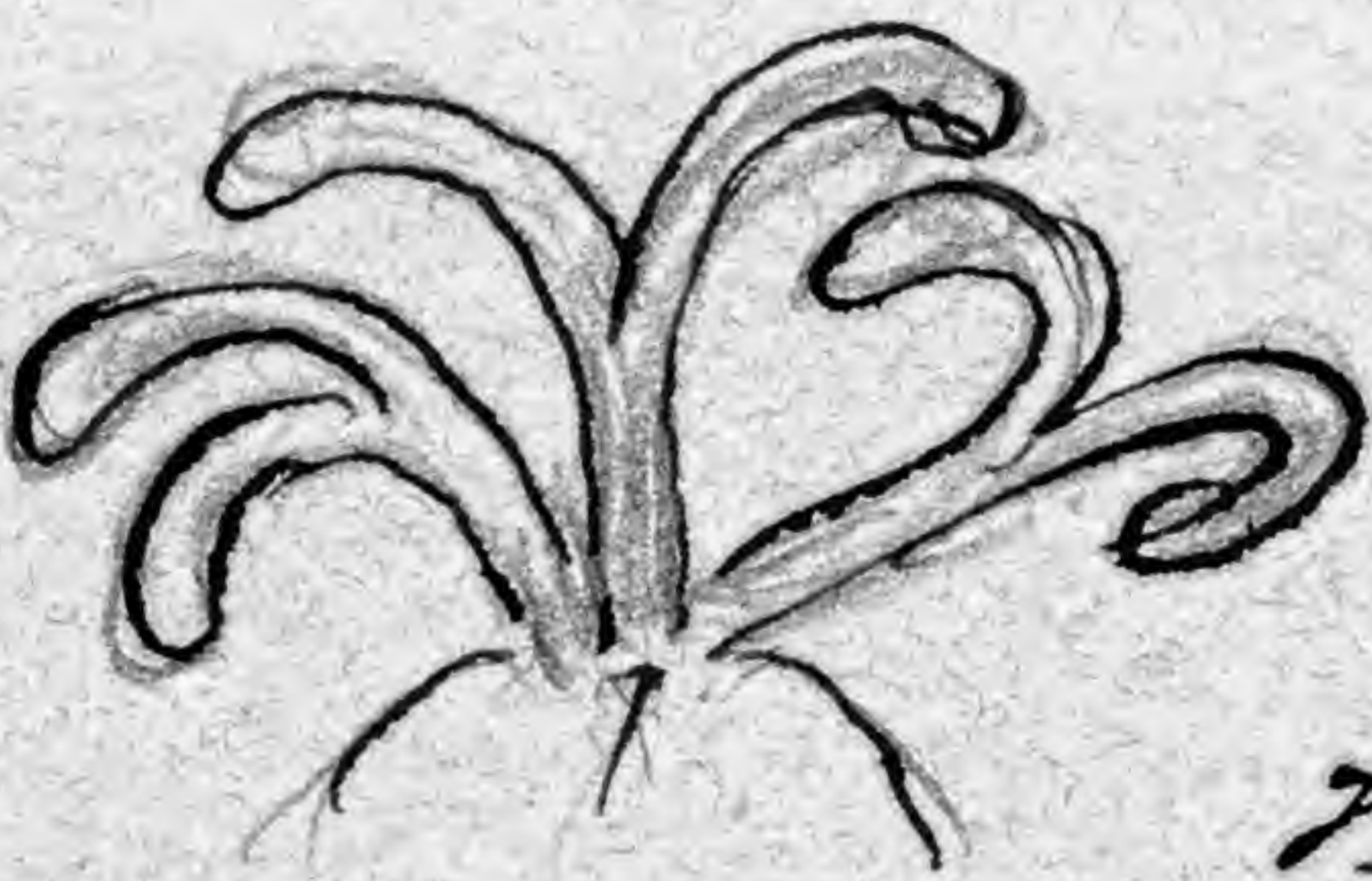
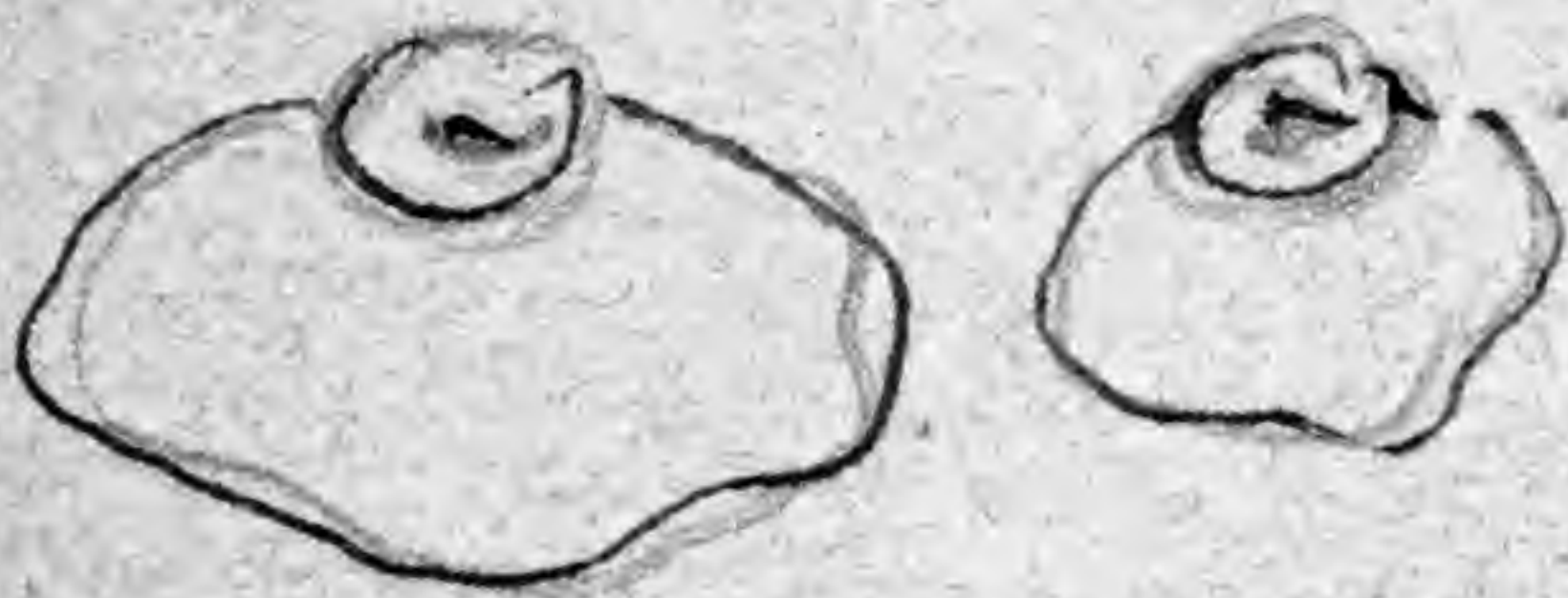
pepper



N. 907 Schimper,
90 Abyssinia
"E. hypericifolia"
var. pubescens



N. 757 Schimper
Fakme, Arabia
"E. hypericifolia"



N. 1632 Schimper.
"Euph. hypericifolia"
"1632"
glabra Abyssinia

The two former plants are very similar to the plant from Sennaar, in fact the same, though at least the second a little less gray; but pubescent capsule style a little longer but the last, N. 1632 is a large smooth erect plant, leaves $1\frac{1}{4}$ - $1\frac{3}{4}$ inch long $\frac{1}{2}$ - $\frac{3}{4}$ inch wide, heads small, but lax; styles long, round and capsule smooth - seed same in all.



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[Faint pencil sketches of botanical specimens, possibly flowers or leaves, are visible in the upper half of the page. The lower half of the page contains several lines of extremely faint, illegible handwriting.]



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50

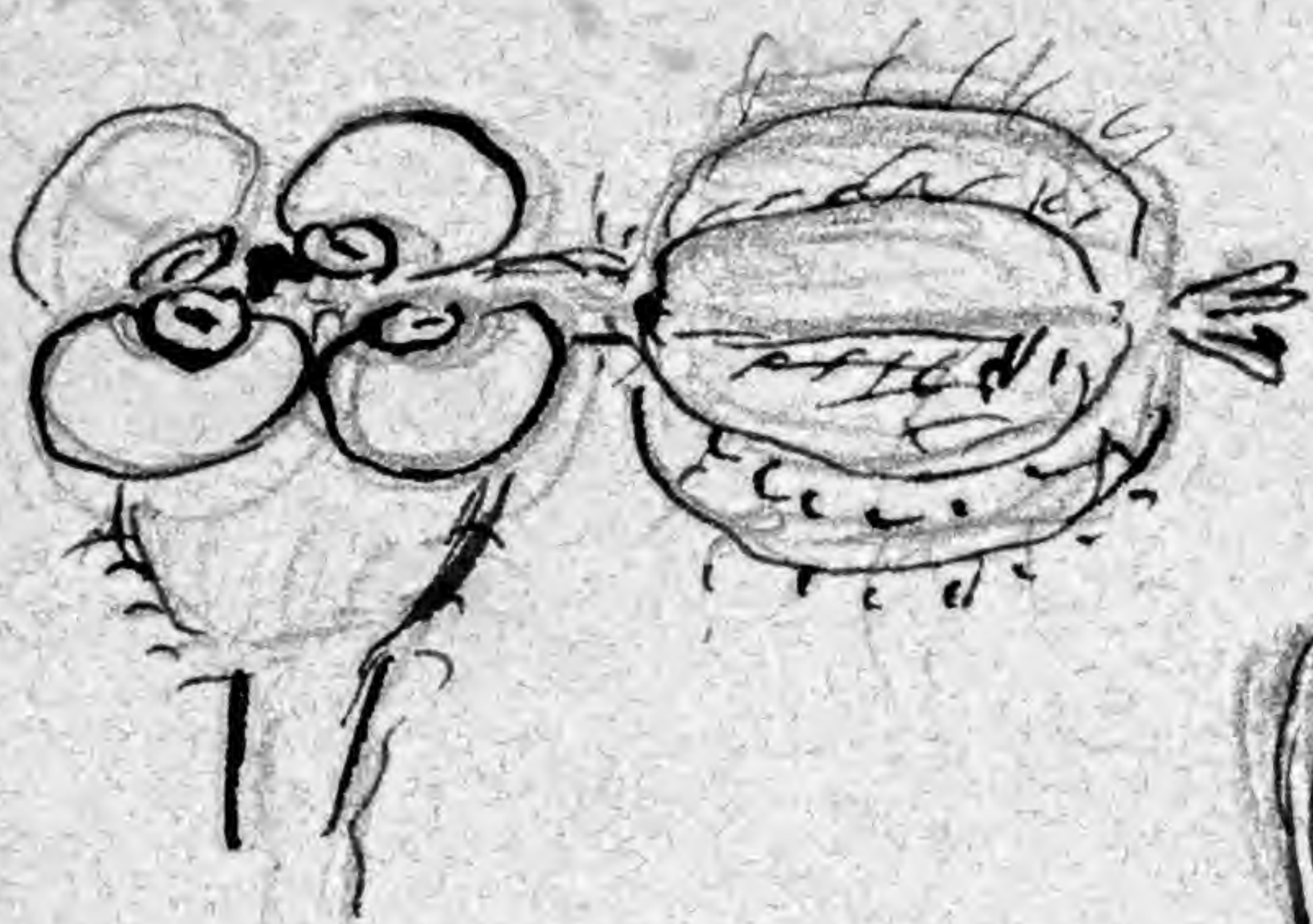
Euphorbia congenera Blume

Boiss. Ex 50

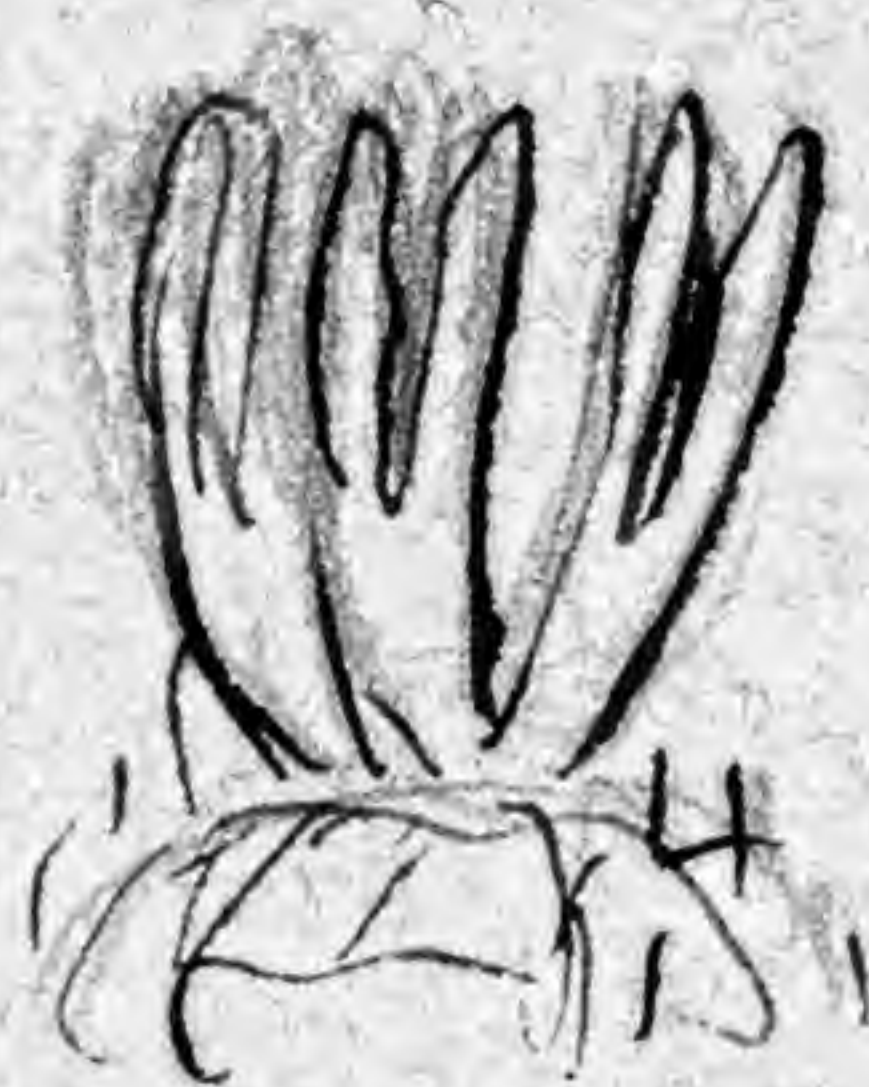
2151 Zollinger

Java

in Herb. reg. Berl.



0.5 - ~~0.5~~



annua erectiuscula ramis
 divaricatis virgatis, fol. ovatis seu
 oblongis pilosulis obtusis serrulatis
 s. integris, glaucis, utrinque
 glomerulis densifloris breviter
 pedicellatis aphyllis, lateralibus;
 involucri fruct. utriusque papaver
 utatis, plicatis; glandulis late
 orbiculato-appendiculatis, lobis
 triangulatis ciliatis
 stylis erectis ovario ^{ramis} nullo
 brevioribus;

capsula pilosa

seminibus ovatis acutius angu-
 latis rhombicis vix levissime
 undulatis s. tuberculatis.

(latentes convexis) papilloso-ferrugineo
 conspersis



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looks like an abyssinia E. hypericiflora
but is rather distinguished by the
inflorescence and especially
by the pale almost smooth
seeds —

Intermediate form belonging to
E. decumbens probably but
peculiar on account of the short
style, smooth seeds —

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On the margin of the Colorado
— Herb. Bog. Vienna. at Rome



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35. var

E. densiflora Chapm. *gloriosa*

51



0.4

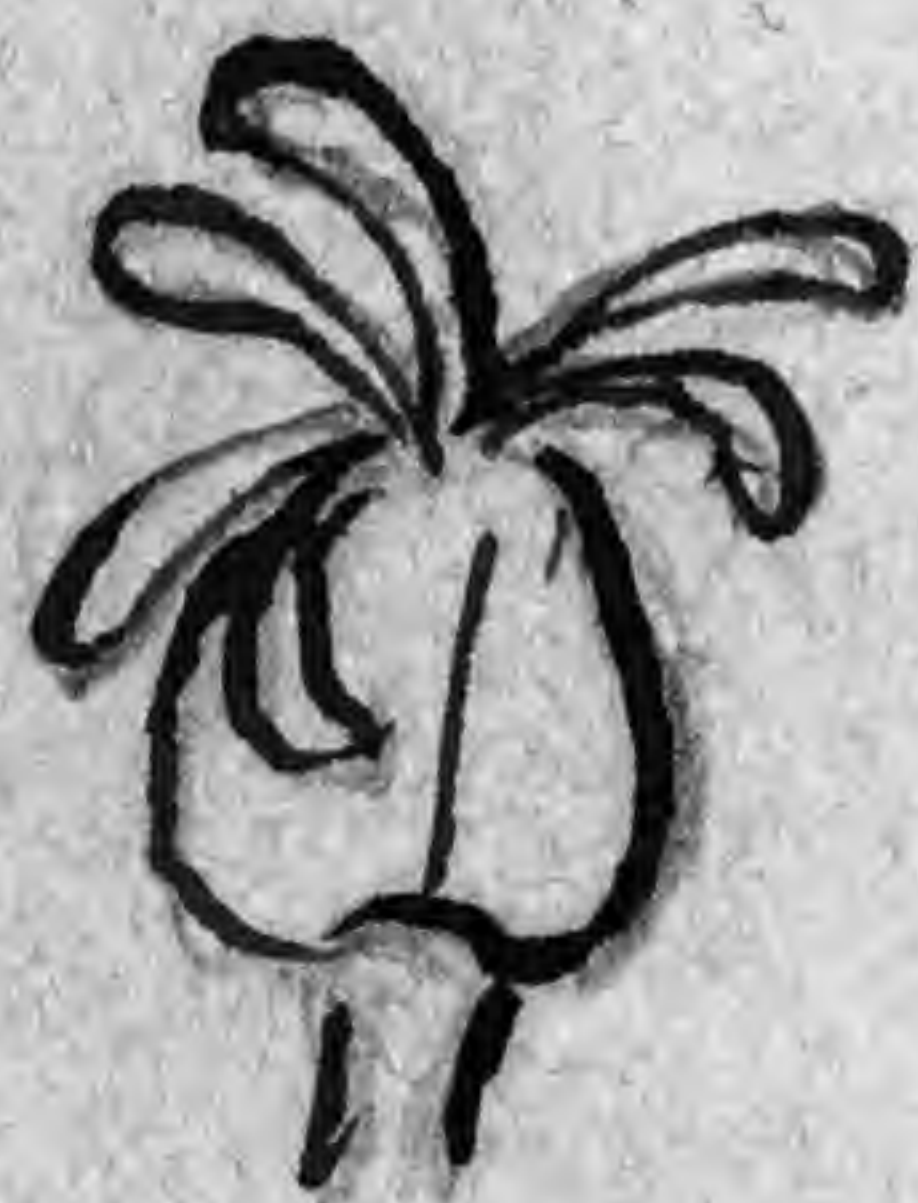
near fulva!

montana, the same styles etc.

~~from~~ 275 Venezuela 1185

Tender specimen has no

appendages and styles long,
divided to the base



Further
Venezuela

~~montana~~

Porto Rico, styles same

as Chapman's

but appendages large

small or none

in some glomerules!



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Handwritten text, possibly a name or description, written in cursive.

MAP



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cm

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52

E. hypericifolia

(*E. Pruelii* Guss. (Bris.))

392-406



0 1 2 3 4 5 6 7 8 9 10

cm

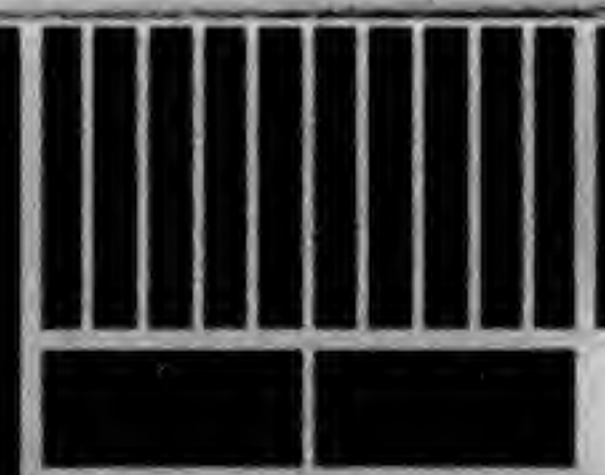
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52

9274 Herb. Willd.

"Euph. subserotata" Pennsylv. Muhlenberg

Seed oval, acute-angled, 0.55 l. by,
transverse undulate-tuberculate,
black = *E. hypericifolia*.

invol. glabra. Dors. fiss.

Glandulis nudis parvis

Stylis adnatis bifidis, ramis

divaricatis recurvatis, ovar. aeq.

s. septatis

A small form of *E. hypericifolia*
with small leaves and small
inappreciable flowers —
plant nearly smooth.



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cm

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[Faint handwritten text, possibly "P. ..."]

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[Faint, mostly illegible handwritten text covering the majority of the page]



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255 (52)?

E. cymulosa
pyrenidifolia



sub
 frutescens 1-1 1/2' alt. glaberrima
 foliis e basi obliqua cordata
 lanceolatis e basi trinervi
 acuta serratis
 stipulis 3 angulatis ciliatis
~~pedicellis petalis~~
~~involucris pet.~~
 pedicellis petiolum longe
 superantibus involucrum ^{subaequ.}
 glabris 4 lobis albo
 petaloides marginatis ^{margin. integ.}
 lobis triangularibus ^{subrotatis}
 stylis ad medium bipart
 stigma ~~filis~~ clavell.
 caps. obtusangula ovata



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Notat. oval.
sulis
marginis transversis
Notat. oval.
oval

Seed much like that of

flor. pyramidalis

longe pedunculata

P. pyramidalis?

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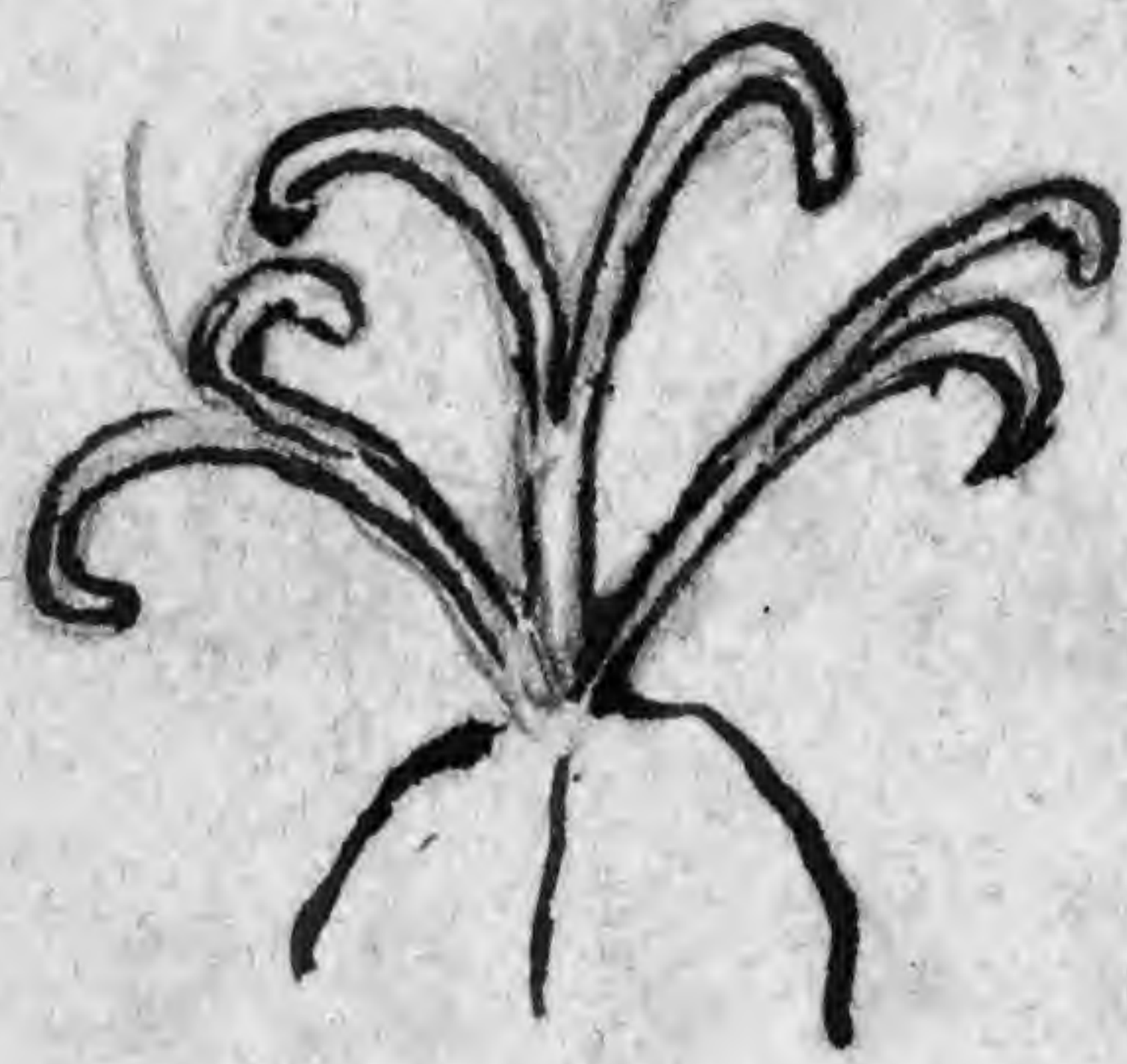


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35

hypericifolia

St Louis



— 24 Apr '3



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E. ligandula



Sem 0.4 x 0.2 lin

vezante by anglic

with narrow sides

glabrous, transverse, 2-lobed

pub. on rug. fl. 4 - 4

glabrous - 5, 9, 10,

glabrous

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52 *E. hypericifolia*

petaloid form

Sept 1860



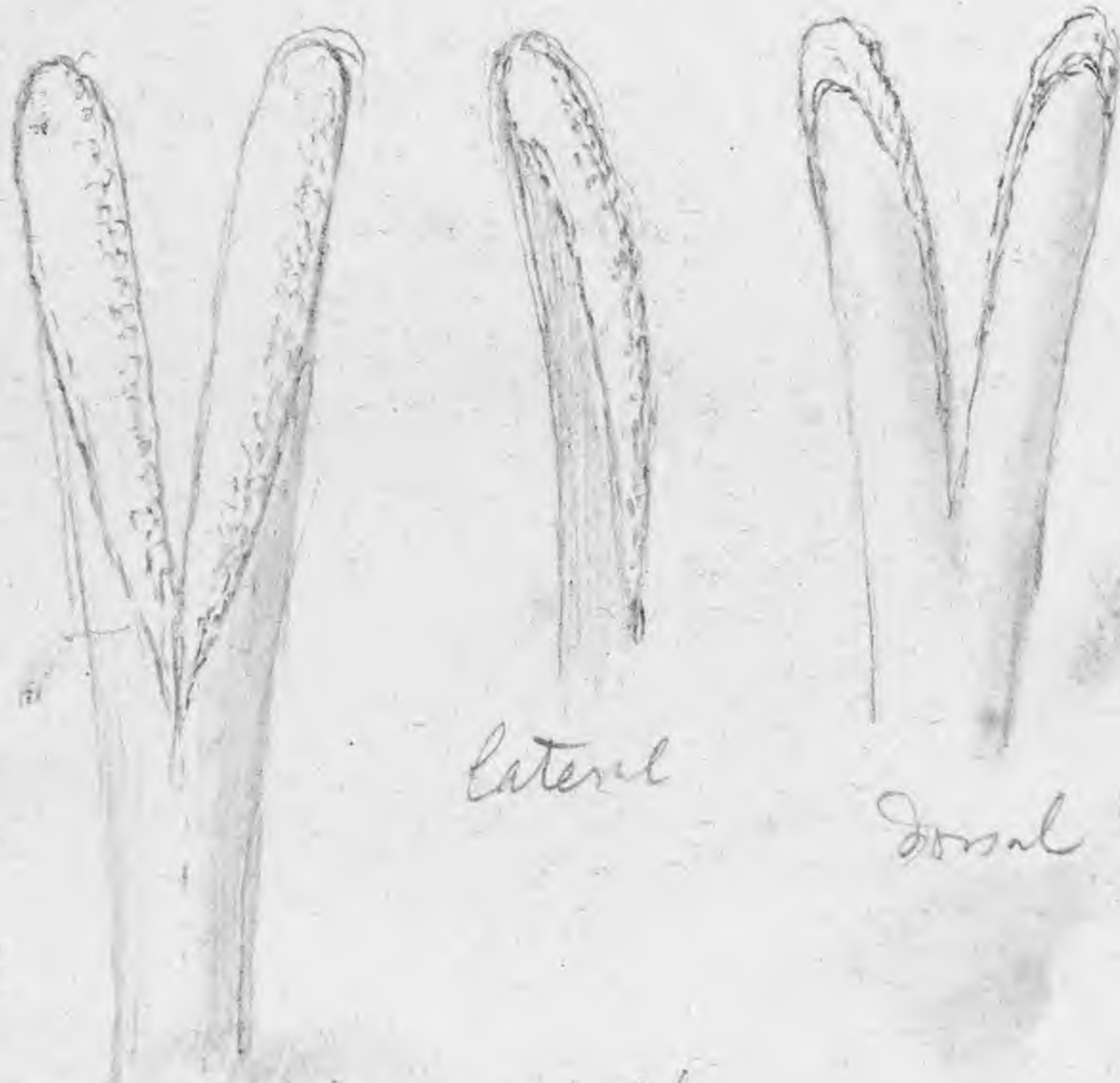
x412



$\frac{5 \text{ lin}}{412} = 0.012 \text{ lin}$

inner side
of stigma

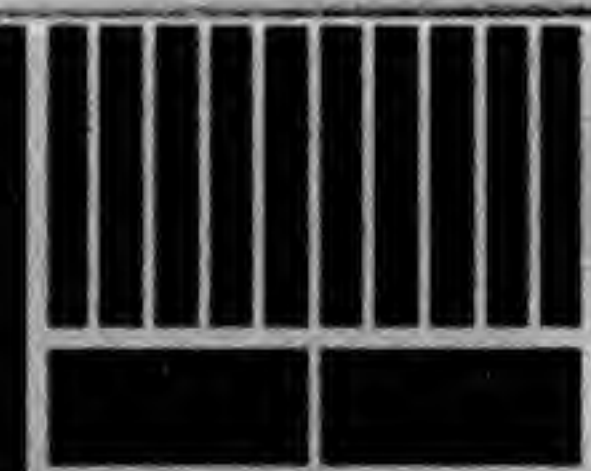
x60



lateral

dorsal

style & stigma of a young style



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ALEX. LEITCH,
APOTHECARY & PHARMACEUTIST,

Marble Building Cor. Fourth & Olive Sts. St. Louis, Mo.

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52 *P. hypericifolia*

Sept 1860



app. larger smaller



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 L
CEUTIST,
St. Louis, Mo.



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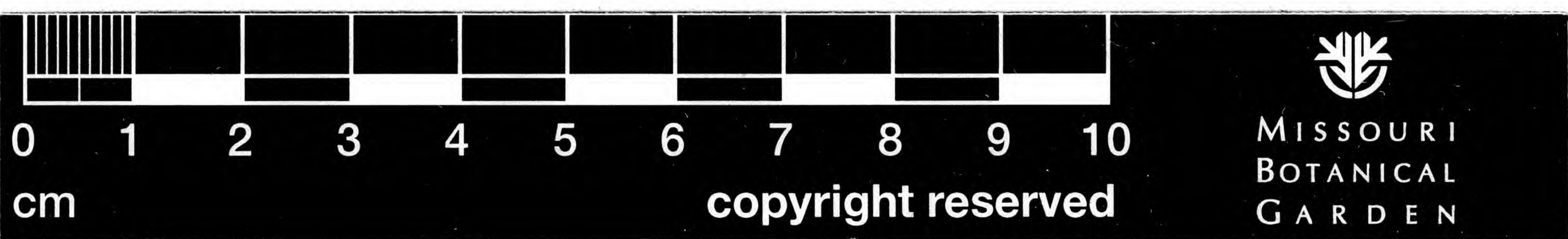
Seeds:

1) semina magna: rub. undulata nigra.
(caps. glob) Cahicensis
2) sem. mag. ovat. sublaev. ciner.
(caps) Deccan Nagel
3) sem. leiosperma 1760

sem. ordinar. nigra. fl. glomerulata
(India et aethiop.)
glomeruliflora
a. leiosperma
b. leiosperma

a fl. corymbosa
corymbiflora
a. leiosperma
b. leiosperma

1) Sem. minor pallida
Eui Mitrantha
S. Linnaeus
a. leiosperma
b. leiosperma



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~~communis (nigra)~~

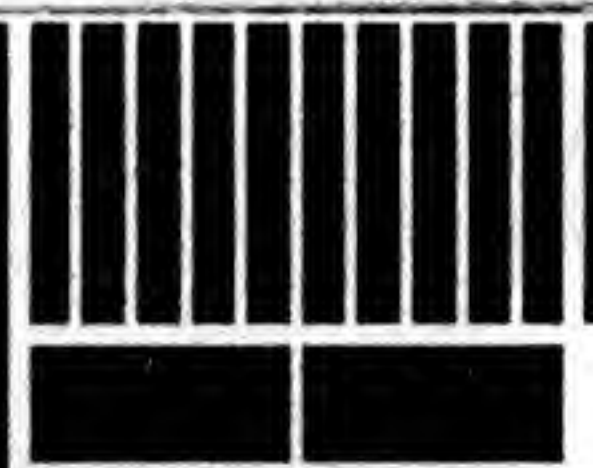
~~leioranpa~~

~~lasioranpa~~

~~microspora (armer)~~

~~leioranpa~~

~~lasioranpa~~



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