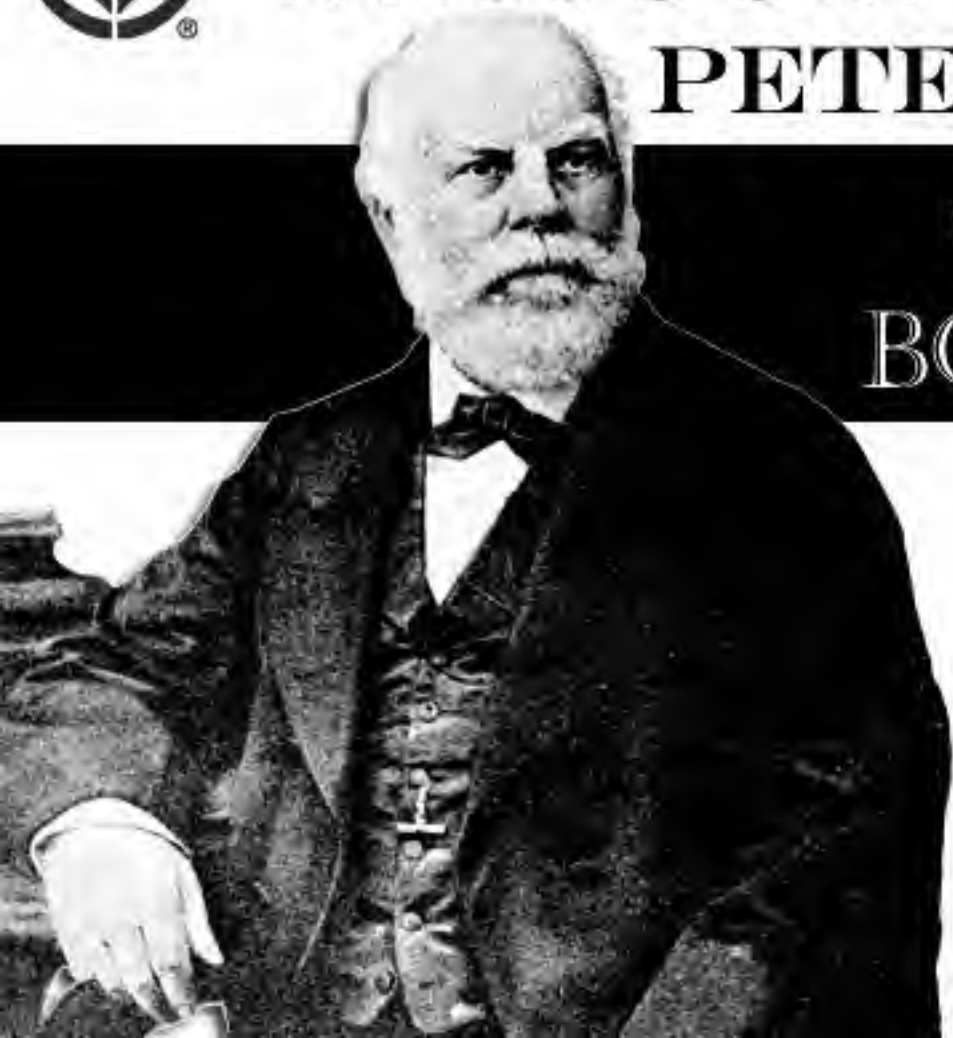




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BOTANICAL NOTEBOOKS

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Cassia

H. Bove

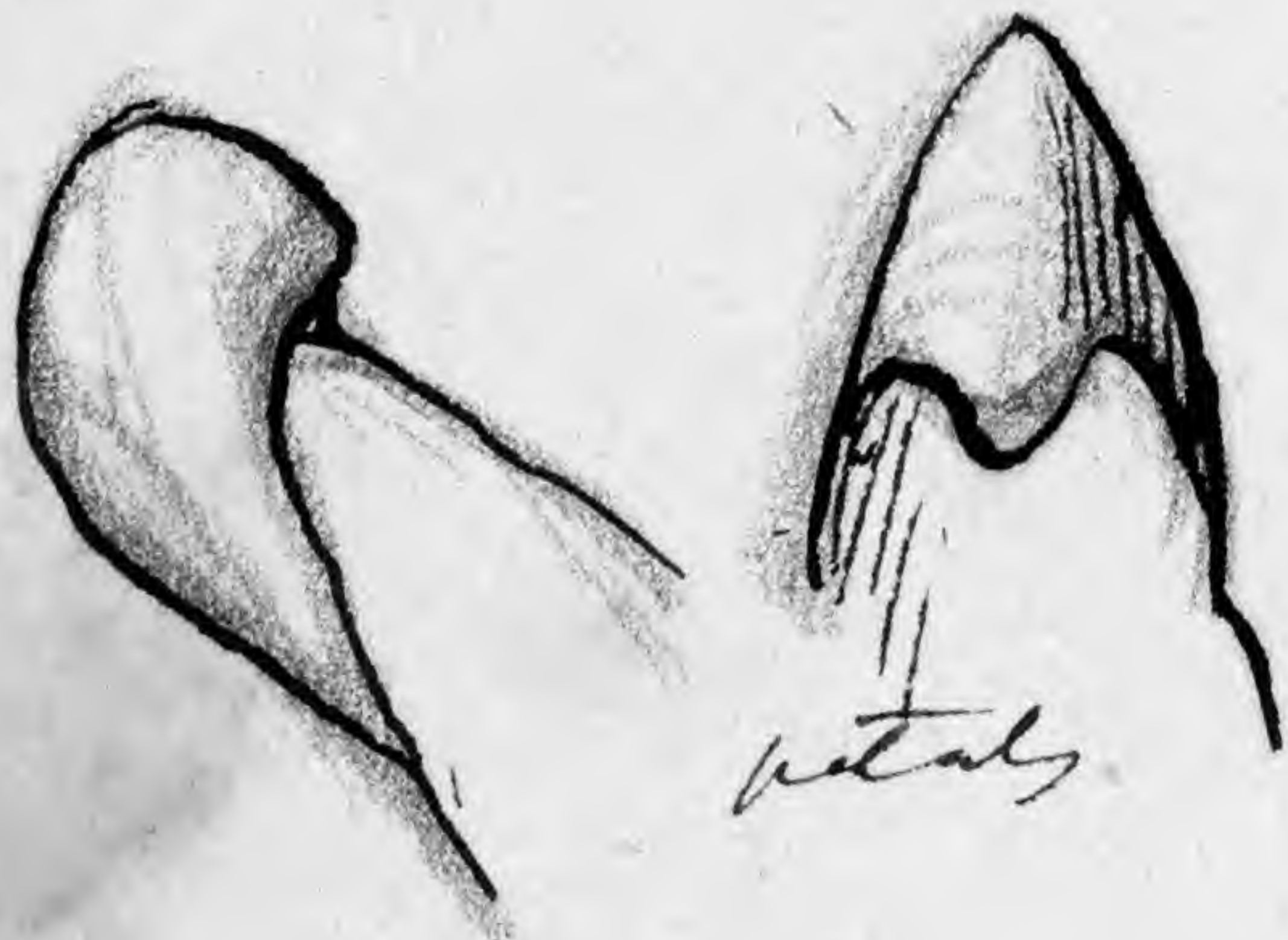
Mauritania

May 1837

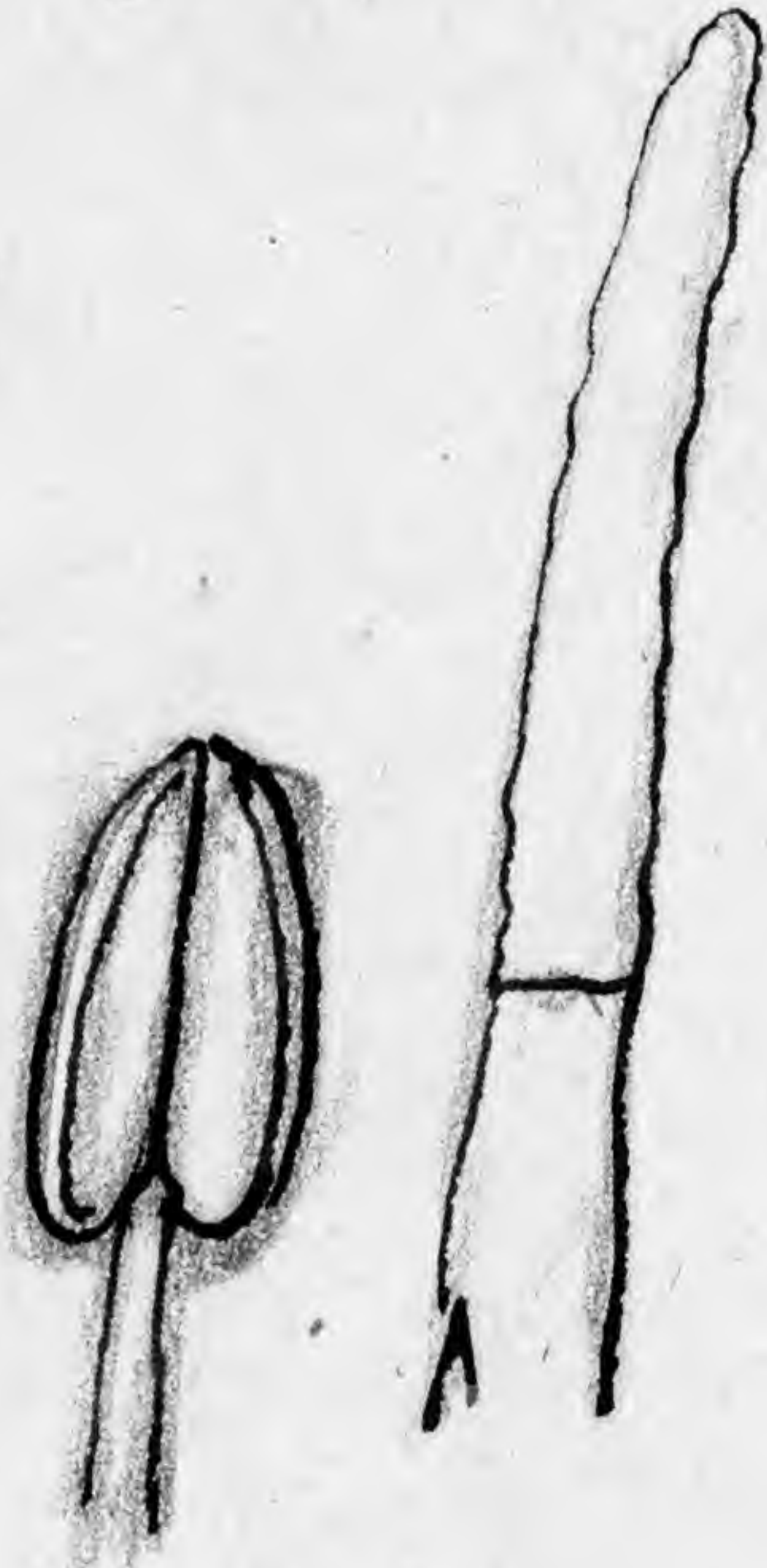
in Hb. reg. Berlin



corolla



petals



flowers 5 parted; calyx much longer than tube of corolla, deeply parted; lobes lanceolate obly, some what emarginate, or rather emarginate, sessile, much like the lobes of Corolla, anthers large.



calyx

similar to the Greek plant No 148 but flowers a little larger - and calyx different - more deeply parted, anthers larger - always 5 parted flowers



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[Faint, illegible handwritten notes]

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Caranta alba Presl

Palermus

Hort de Pavillon
1855

0.8 - 0.9



0.4

Seed 0.4



Calyx often.

stigma styl. seg.

corolla capillares; glomeris
 parvis corollatis (2-3")
 floribus densis, albis 5-fid. lobis super
 inaequalibus ad basin fere disjunctis,
 ovatis s. oblongis, extensis s. recurvis
 versus apicem inflexis cristatis; tubo cor.
 longioribus; segmentis lacini corollae
 ovatis laciniis apice serrulatis - inornatis
~~stipulatis~~ ~~bracteatis~~; antheris ovatis filamentis
 vix longioribus, squamis tenuissimis, ovatis
 truncatis; stylis ovario ^{majoribus} longioribus;
 sem. 0.4 longis;
 florum 2-3 li. diam, with 6 or 8 flowers



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1555

= 146

Cucurbita planiflora Kunze!

Willk. no 303

on *Alumina*



0.5



glomerules many flowered
flowers of 4 parts; mostly pedicel
calyx lobes ovate, tumid at
the upper part, usually very
unequal — longer than tube
of corolla —, lacinate and
at last patulous ovate, lacinate,
tumid oristate at tip but not
mucilata, nor corniculata
styles short attenuate; stigmas
part longer than the rest



Tip of sections of
corolla



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This form and *C. oppositifolia* are very closely allied;
but the latter has usually much longer styles, but I have
seen forms, which are almost exactly the type of
this plant!

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156

1298 Bouzyan Plantes d'Espagne 1857

Cuscuta Epithymum "

"

Almeria (Spain)

à la base de la Sierra de Gador, 3 May

in Herb. Gussonei "

& Hb. Mus. Paris

1857



note or

flowers closely sessile, 5 parts
Calyx lobes ~~divided~~ almost to the base
truncated at the end, oblong-lanceolate,
longer than tube of Corolla —
lobes of Corolla patulous or erect
~~ovate-lanceolate~~, acute or acuminate,
point scarcely tardid! — only
very thin adpressed, not reaching the
free; anthers small obsolete.



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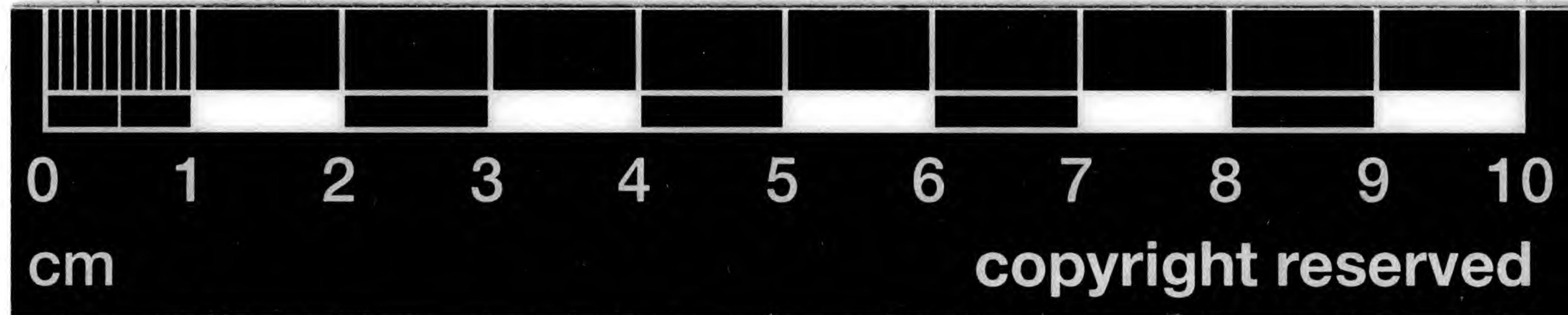


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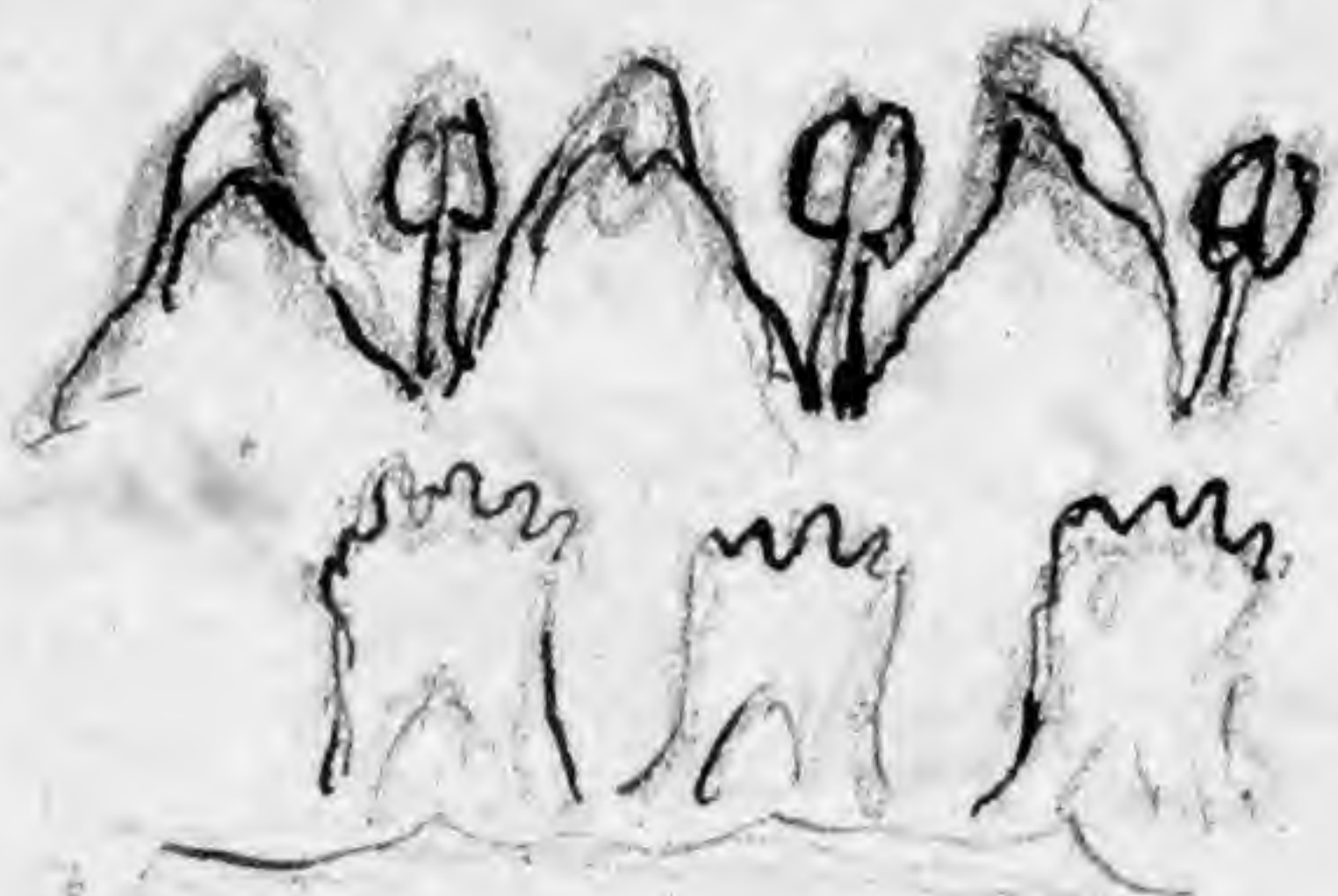


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0.8



ovary

Cuscuta

Mr Weddell leg. in May 1857
- Algiers - Paris - Alcohol



calyx outside
from below



after flowering



caule apillares humili

glomerulis parvis sessilibus
paucifloris (2 lin diam)

bractea ovata obtusa, forma et

magnitudine calycis sequente
acute. foliis

ovale sessilibus, 6-7 completis, ceteris

abortivis, - squamis parvis
Calycis ultra medium fissi, lobis obovatis

crassis verrucis versus apicem obtuse
cuspidatis subnullatis, perithecia



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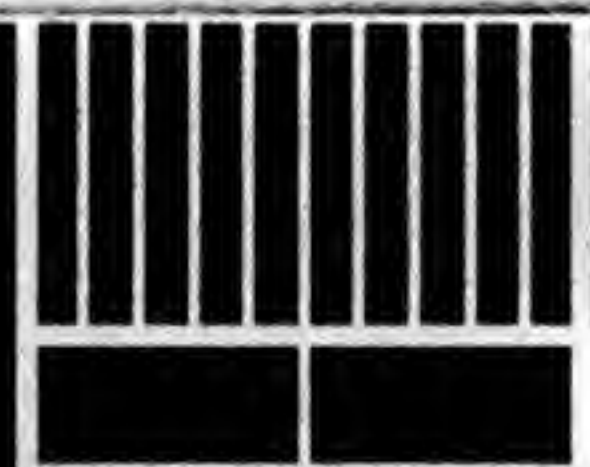
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superioribus; lacini corollae erecto-patulis, apice capillato
bifido recurvis. tubo fere aequilongis, staminibus
filis brevibus, antheris ovatis filamentis paulo brevioribus; squamis
quadantibus. styli truncato-dentato-lobatis, fere subbrevioribus
stylis brevibus ovario globoso ^{vix superantibus} ~~aequalibus~~; capsula depressa
~~vix brevioribus~~ subaequalibus, ad medium stigmatosis; capsula
pauca ovata scissa corolla marcescente indurata

459 Douglas May 1846. E. Engelm Webb! is the same plant;
calyx & deeply divided, lobes of corolla not very turned
rather less than in Weddell's plant, it is a Calycium with
rather broader lobes of calyx and less turned petals but
different from the plant found on Florana! vide p. 175

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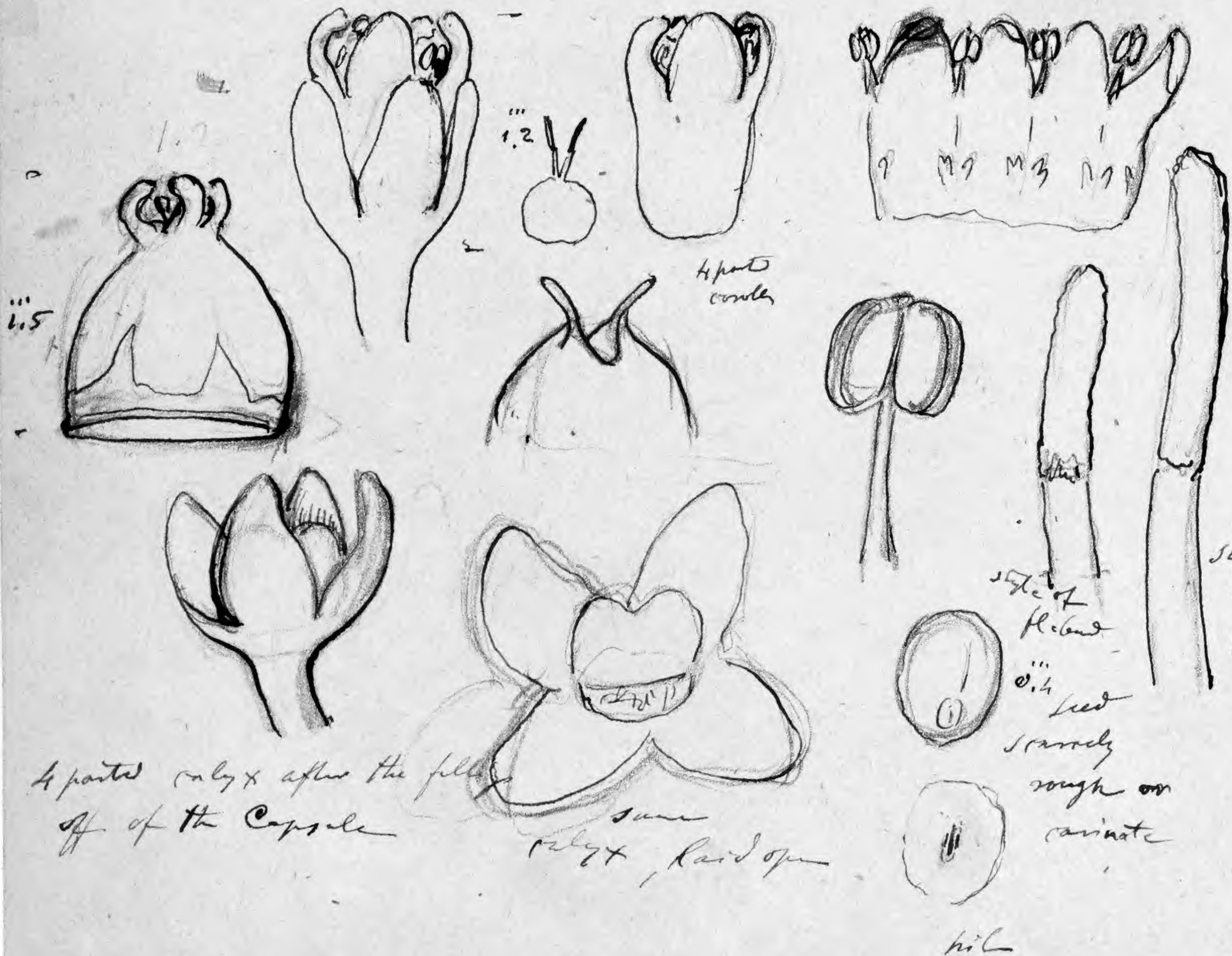
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Curatella halophyte Fries

on some shrub

Herb. Hook. 7. 6.

Same as *C. Europaea*
 scales very distinct
 a few teeth only —
 rather broader,
 seeds smaller.
 flowers generally
 smaller —

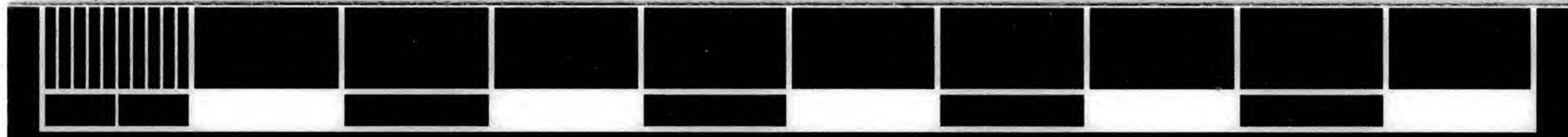
4 parted calyx after the fillet
off of the Capsule

same
calyx, laid open

style of
fillet
0.4
seed
scarcely
rough on
carinate

style
after
flower

hil



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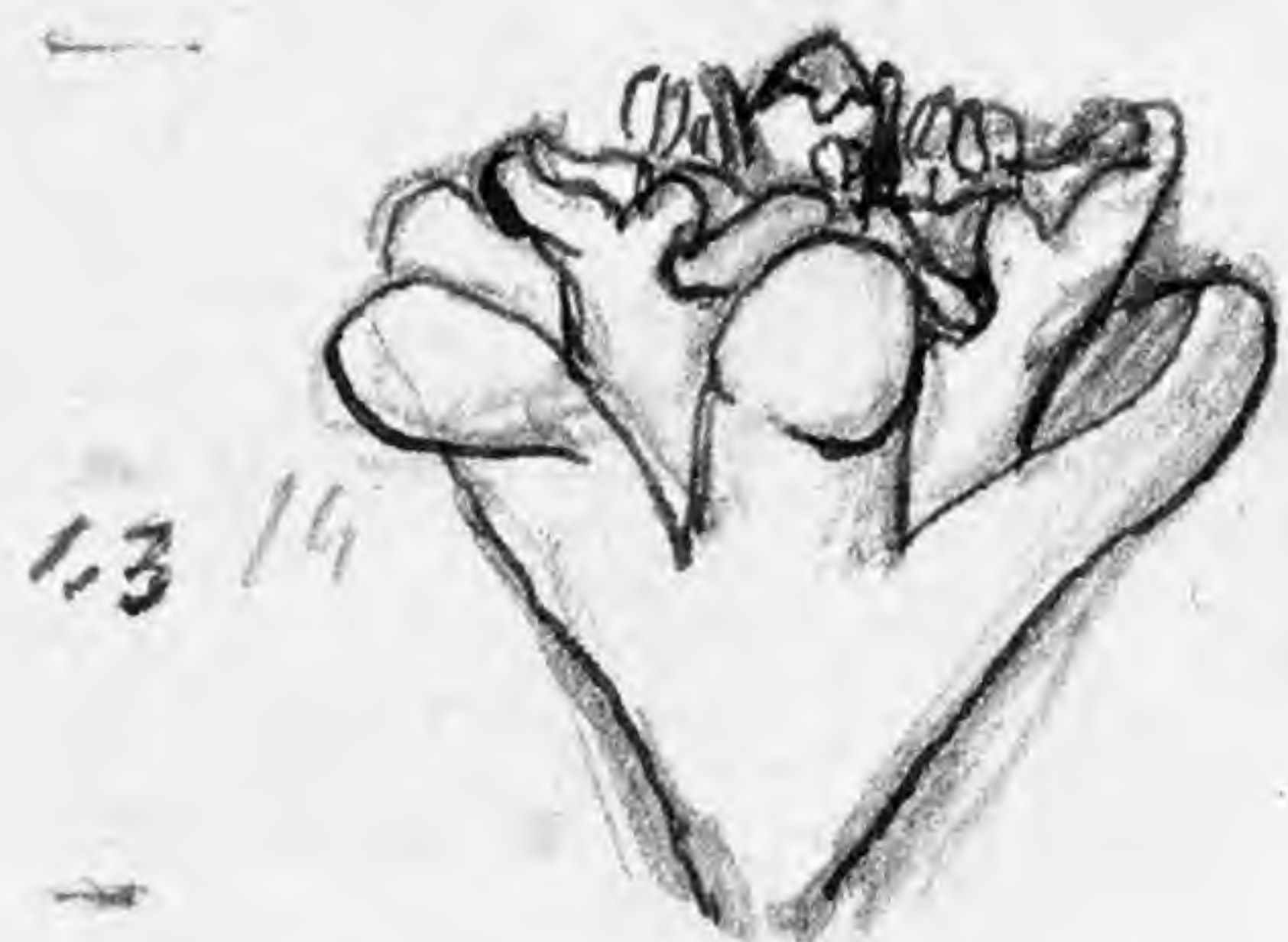
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Paris June 1857



Cuscuta polygama Webb
 1470. a. E. Bourjau de L. Canar. 1855
 Teneriffe, Mont de Tequiste 8 June

on

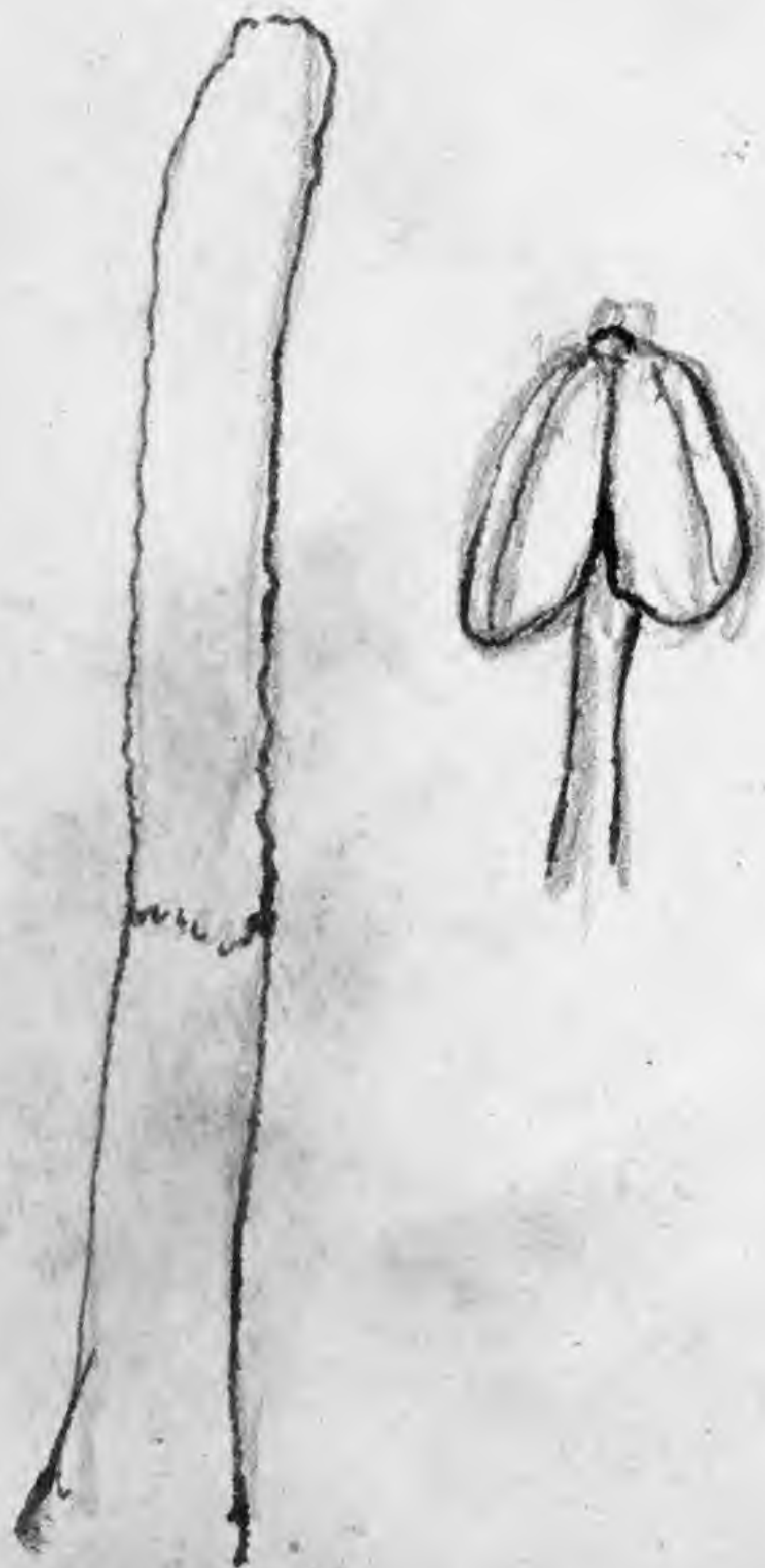
Hb. Paris

This is the same as the Algerian
 plant, fig...

About 1 doz flowers, with a few sterile
 ones at bases ^{or outside} - a glomerule. - bract oval
 membranaceous -

calyx deeply divided, lobate; styles
 longer than ovary - ovaries ovate or
 somewhat truncate - I find no
 difference at all

glomerule 3-3 1/2 li diameter



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Cuscuta calycina Willd

on *Amorpha summi*

Valverde, Isle de Fer Canaries

H de la Perraudière

is absolutely the same plant,

oblong about as long as corolla, deeply cleft, lobes

oblong obtuse — etc. — Flower about 1 line

long or a little longer — glomerules about 10 fertile

and a few incomplete flowers glomerules

$2\frac{1}{2}$ or at most 3 li diameter

Cuscuta Teniffa on *Plantago* (H de la Perraudière) is the same plant

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246. G.

C. calycina from the Canary islands

Bourge 1430. a

246. C. calycina. cal. deeply divided, almost as long as corolla, lobes oblong.

C. Tenerife Herb. Paul ex Mus Paris same - lobes of calyx broader but deeply divided, bullate

C. Epiphoramm. 1430 Bourge 1855 Tenerife - is the same as calycina. I can see no difference at all - anthers more reniform, orbicular perhaps



C. Guimara, Tenerife, de la Perroudère is the same plant again

C. on Adenocarpus " " " " is the same plant, Cal has the calyx lobes a little broader and somewhat acute or even cuspidate. scales and styles and corolla same. Calyx divided to below the middle



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Cuscuta calycina Algeria Paris June 1857

Cuscuta Calycina Webb.

Bona, Algerien,

Mr Bernard

in Herb. Par.

on Helianthemum - E. Thymus;

is exactly like the Camero plant and like Boiss's, No. 149 -
only flowers a little larger (1.4 long) and glomerules also large & full
(3 lines diam). -



Cuscuta

Oran, C. Cosson, May 1852 in Herb. Par.

is again the same plant, but glomerules small
only 2 lines diam; flowers less than 1 line long,
calyx roseobovate, tip of corolla lobes same
scales truncate, somewhat flabelliform, which
is the case often in these plants. -

Cusc. via pubicatis Djebel Zaghuwan, Tunis 410. a. L. Kuntlik in Herb. Cosson
on Rosmarinus is the same plant - (in Herb. Mus. Paris, on Thymus, it is
C. papillosa fr. 250)



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Cosson, on the mountains of the Djurdjura, is the same plant
Hb. Cosson No. 1

Cosson Djibel sauto à Oran, May 1852 Hb. Cosson. 36.
same plant, very slightly papillos! therefore approach. ~~250~~ 250

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Cerastium planiflorum

var. papillosum, var. lobatum

San Ildefonso near Segovia, — Thymus
H. Gussone



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Paris June 1857

Cuscuta calycina

Webb minor

(formerly *alba* *microcephala*)

"*Cuscuta alba*" Gasparini, Siculis H.P. is exactly the plant
of Algiers & the Canary islands. — — deeply divided Calyx,
lobes obtuse, hooded, tumid — lobes of corolla imbricate.

Cuscuta: petite île d'Ourlach, Grèce, Lefevre ^{May 1826}
— Hb. Mus Paris & Hb. Berlin is the same
thing; ^{in part. see 252} lobes of corolla approaching planiflora

1298 Douysson, à la Base de la Sierra de Gador Almeria
May 1851 — Hb. ^{Conson} Paris & Hb. Griseb. vide fig 156

491. "*C. microcephala*" Algemes, d'Esquivas H.P. not yet fully
in flower, the small-headed form

Salzman, Malaga in H.P., small-headed

A. Mulik Bonifacio, Corsica — Hb. Conson is the same thing

Sicily, Oliver & Druguier — Hb. Mus Paris, absolutely the same plant
very tumid calyx lobes 4-5 — corolla small

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259.

Paris July 1857

Caranthe calycina Webb.

on *Lisycabrium*, / Sant Cruz,
Caucasus

20 April 1855

H de la Perrandiere

heads 3-4 lines in diam; calyx
turbinate, almost pedicelled; corolla
in flower enclosed entirely; scales ^{fimbriate} entire!

This seems to be the true calycina, on account of the
deeply divided calyx and the very small corolla —
— probably the form of ^{or} succulent plants!

This — 258 which we also the same and fully developed
on *Sanchezia speciosa*! might be distinguished as var. turbinate

Bourzean 1855, Guimara, Zamiffa *viridissima*, head 4-5
lines in diam the largest of any of this species seen by me —



15
19



Bourzean



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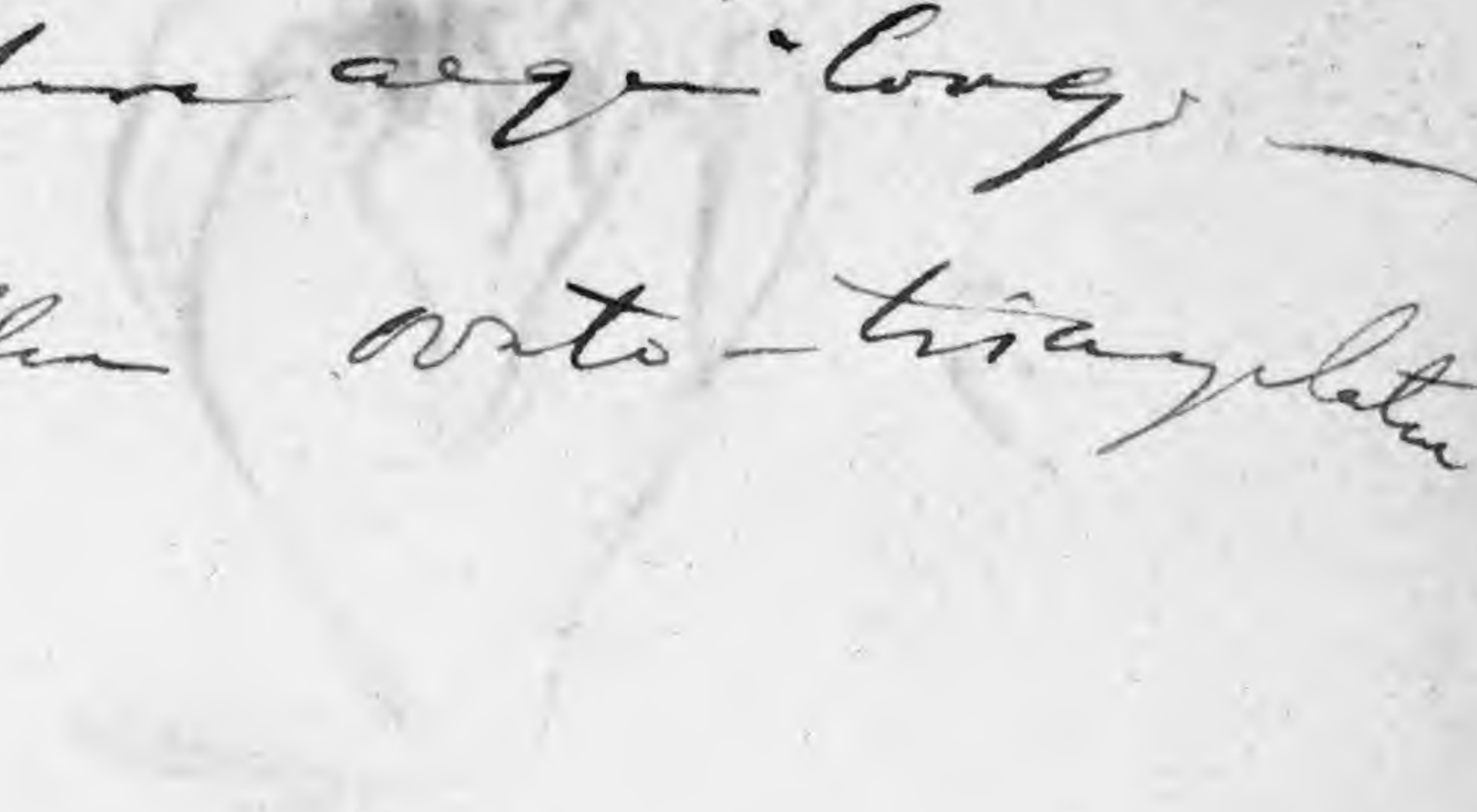
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an sum umbelliferous plant - capitula magna mult.
flora, flores densi basi turbato - attenuati quasi
pedicellati calyce a flore juncti proaequaliter
flos totus 2 li longus. - Lacinia corollae ovata-triangulari
nec valde tumida



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Cust. p 460

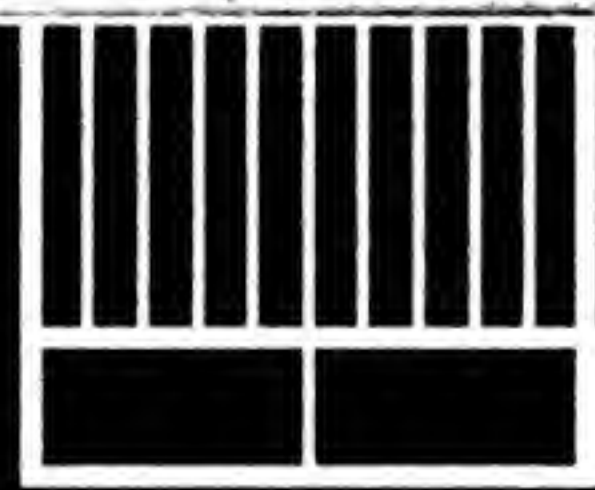
A. Cuscuta

I Eucuscuta sp 1-10

1. Stylis ovario
longioribus

sp 1-5

(This folder enclosed sheets 1-124)



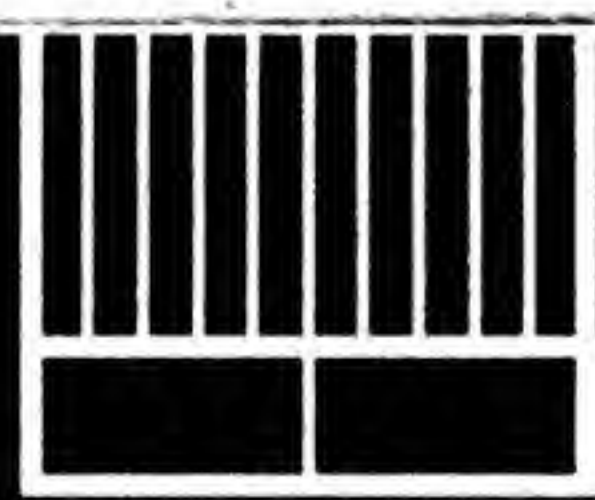
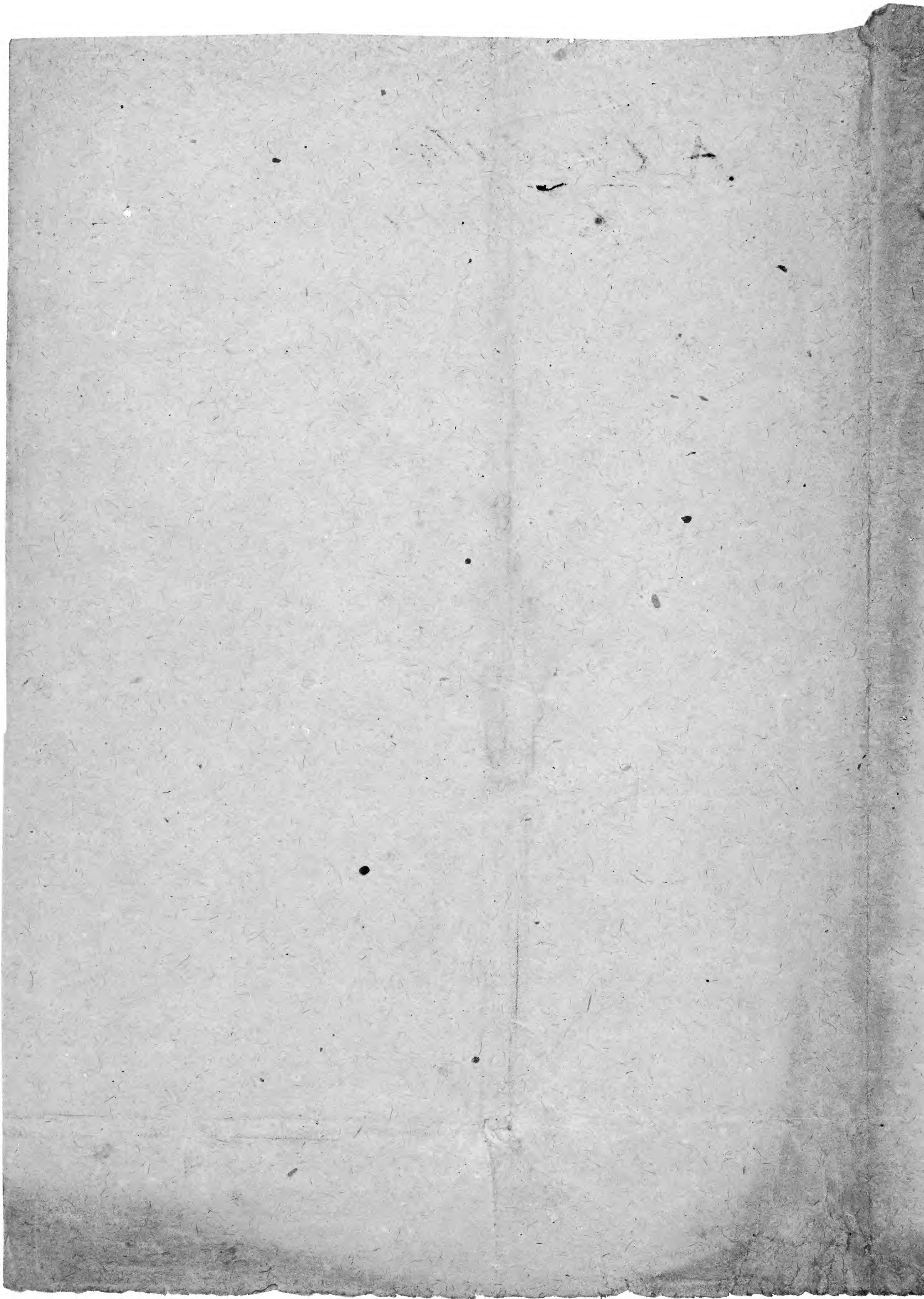
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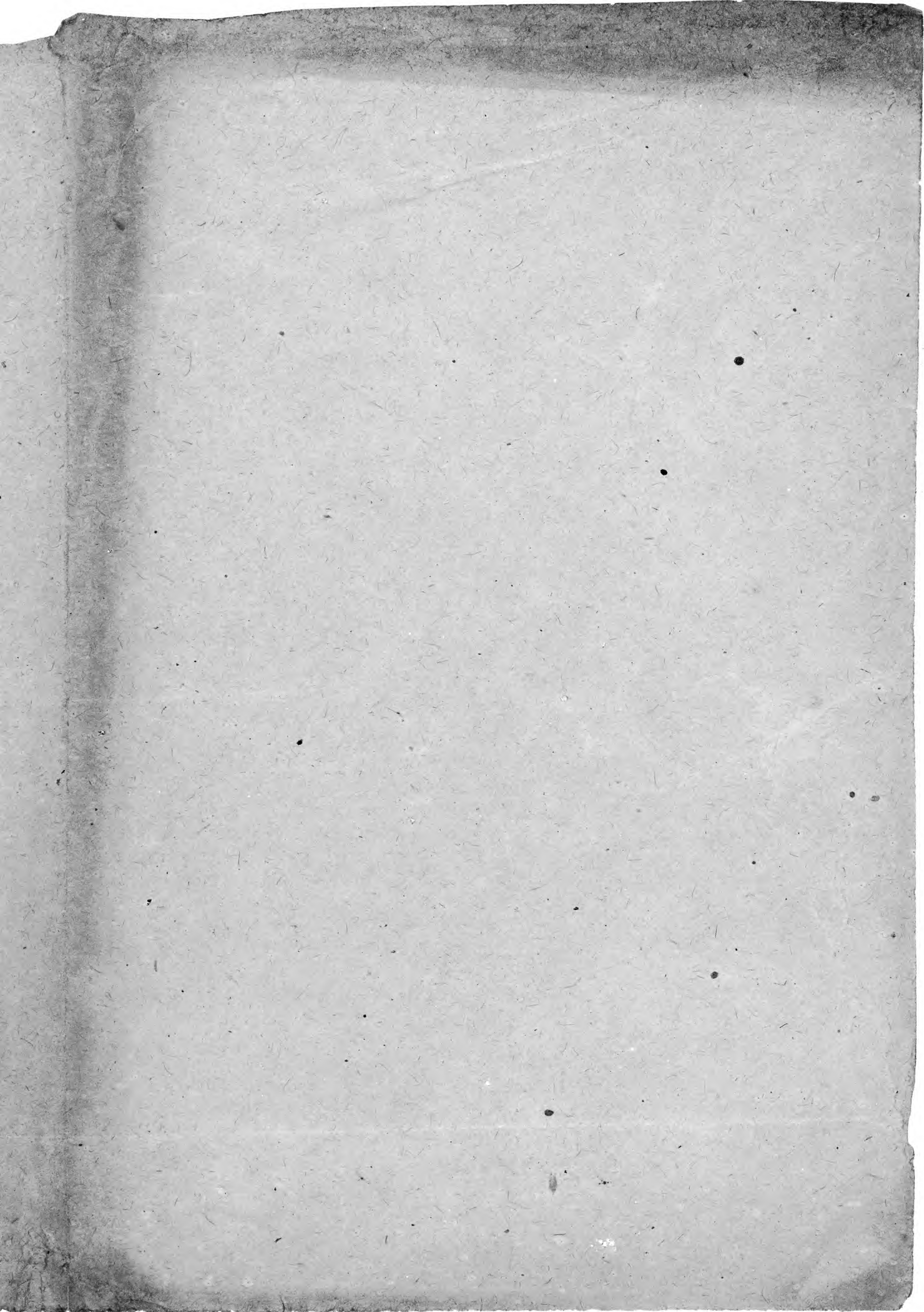
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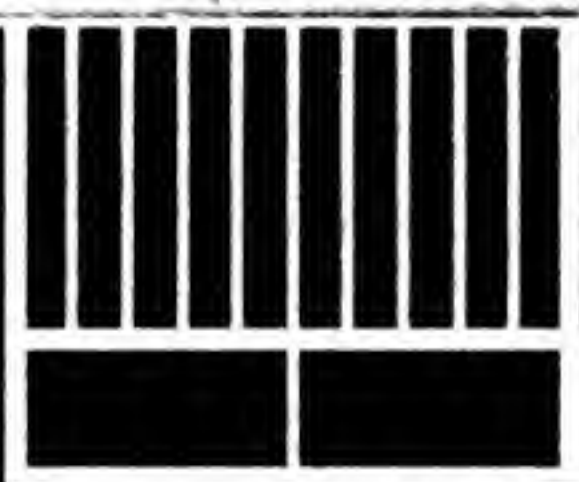
Act I Cucurbita

longistylis

stylis ovario longistylis

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