

GEORGE ENGELMANN
BOTANICAL NOTEBOOKS

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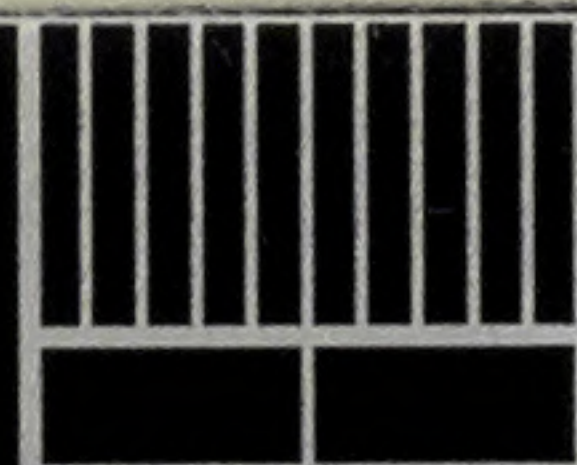
48

Cusc p. 500

C. subinclusa Durand & H. Gard
in Journ Acad. Philad. III. p. 42
1854

Pacif. R. R. Rept. vol. V. part 3
vol. page 11
(1856)

(enclosed 805-814)



0 1 2 3 4 5 6 7 8 9 10

cm

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MISSOURI
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GARDEN

4812

48

[Faint, illegible handwriting]

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[Faint handwriting at the bottom of the page]



0 1 2 3 4 5 6 7 8 9 10

cm

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Cuscuta subulosa

17/9/80

Foot hills, east of Visalia
and Canons of Santa Monica
Mountains Sept 12 & 16

x 4



not size
3 lines or
a little over



fruit



1-seeded
capsule



seed



0 1 2 3 4 5 6 7 8 9 10

cm

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March 1862

1/2 lines



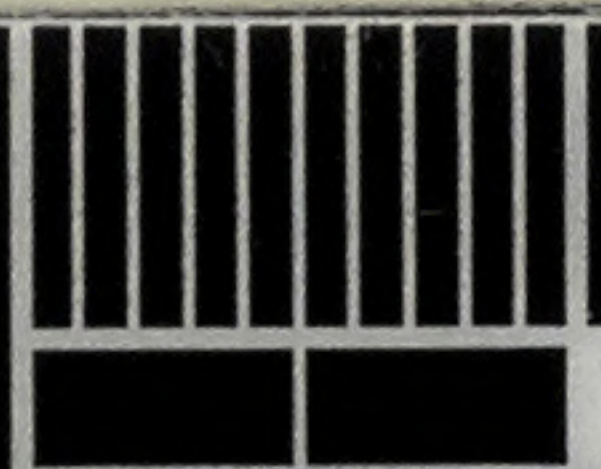
Cassiope subincolusa Jurb. & H.
on Ambrosia

California

U.S. Expl. Exped. 1851

Whole flower

fleshy, and when
soaked glutinous



0 1 2 3 4 5 6 7 8 9 10

cm

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4814

ALEX. LEITCH,
APOTHECARY & PHARMACEUTIST,

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

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cm

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73

= 90

Suberulosa

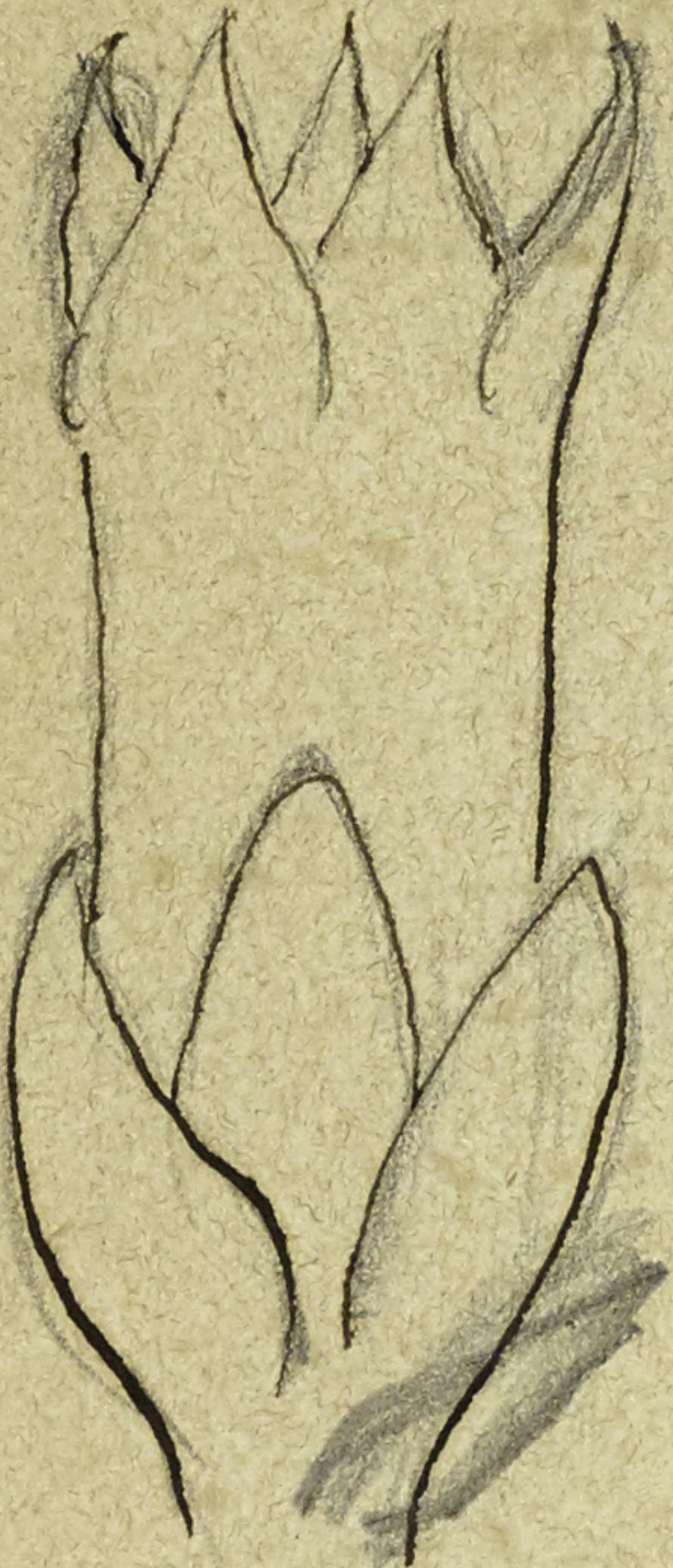
Cuscuta Californica
Choir

San Francisco

California

margin of brackish marshes Mare Island
Bay of San Francisco, mostly of Griseb.
Ch' Wright 1855

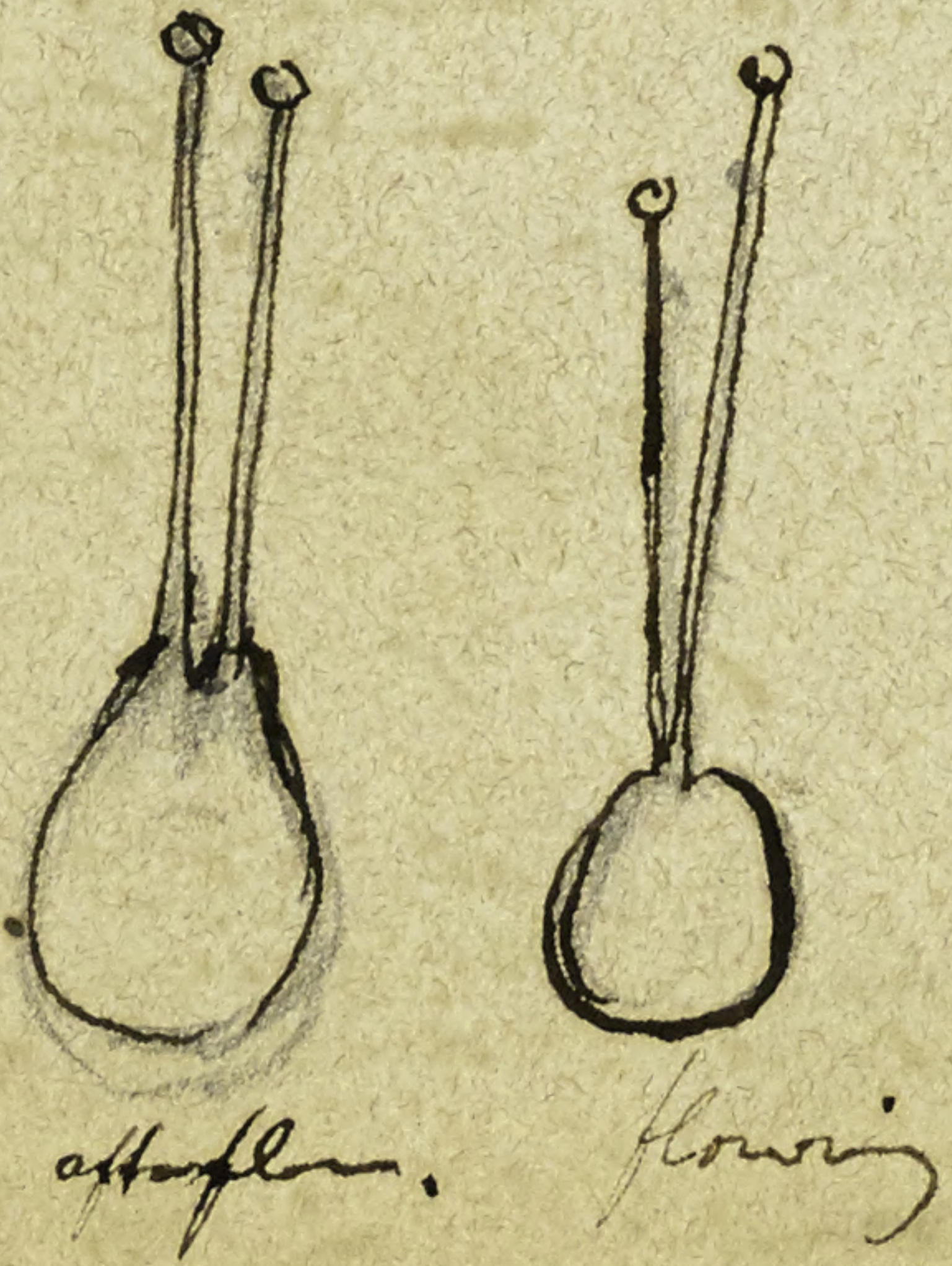
2.6
2.6 - 3"



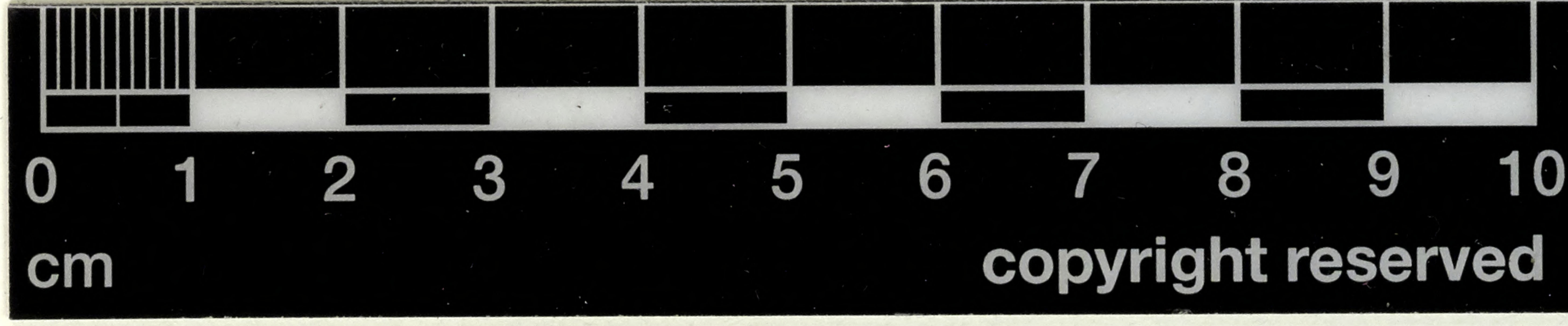
907 fruit.



0.7
- 0.9



two closely allied
to *C. Popovianis*!!



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floribus breviter pedicellatis semilibris ve ~~Crataegi~~
glomeris densos congestis (6-10 l. diam)

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laeviusculis acutiusculis

calycis 5 partiti lobis basi sub connatis inaequalibus imbricatis
tubo corollae cylindrico multo brevioribus, laciniis ovatis acutis
tubo dimidio brevioribus patulis (demum reflexis) imbricatis;
staminibus superatis; antheris oblongis filamentum aequalibus;
ovario longioribus nervis, adnatis tubo dimidio brevioribus;
stylis ovario minus longe superatis fere exsertis; capsula
ovata, apice ovulae immixtae gerente 1-2 sperm
baccata; sem. gl. basi compressi verruculosis, ~~tubo~~
maximo perispermio singulis; hilo punctiformi depresso
in bilobis crisi ~~rotatis~~ ~~rotatis~~

The species of *C. subinulosa* Durand is the same thing. I
notice a decided but very fine ciliation at the Calyx and
a granulation at Corolla similar to that of *C. neuropetala*, but
less strongly marked. Corolla 2.5 long, not as much exserted as that
figured here. filament much shorter than ^{obliquely lying} anthers
Leconte, South California, or Crataegus (?) 2146 Torrey is the same
thing



subinvolucosa

Currents California *Choris*
virgata *anthera*

California, Herman
on *Artemisia tridentata*
- Herb. Durand.

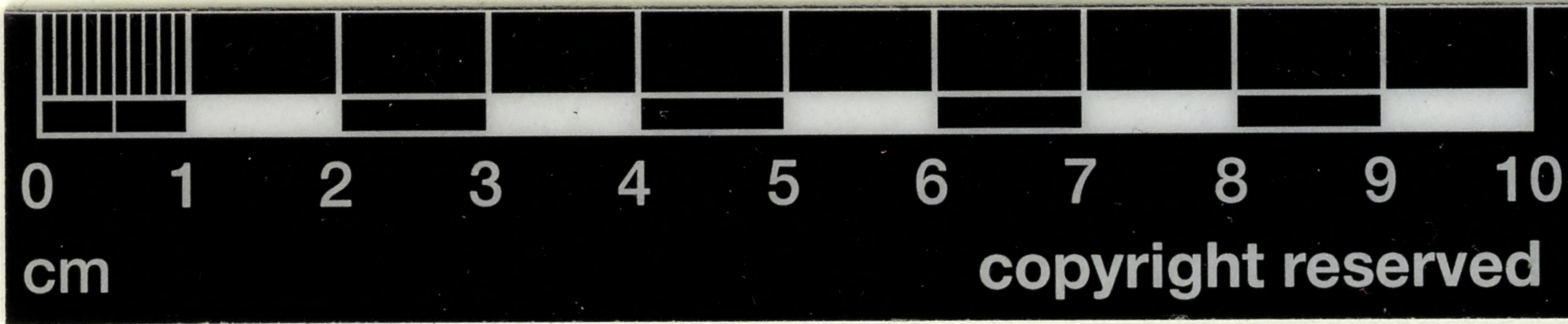


fl. 2 - 2.5 l. long.

no doubt identical with No 73 from
San Francisco; but anthers longer
and sessile! I can find no other
difference; sepals or rather involucre
segments of Calyx broader, also acutish.

Herman's plant on *Salix* is an intermediate form with
very short filaments but long anthers (= *C. subinvolucosa* Dur & Adg
and also in *Artemisia*)

" on a willow, Teyon Pass, September " R.A.A. Rep.
" flowers sessile in dense clusters " V.S. p. 11.



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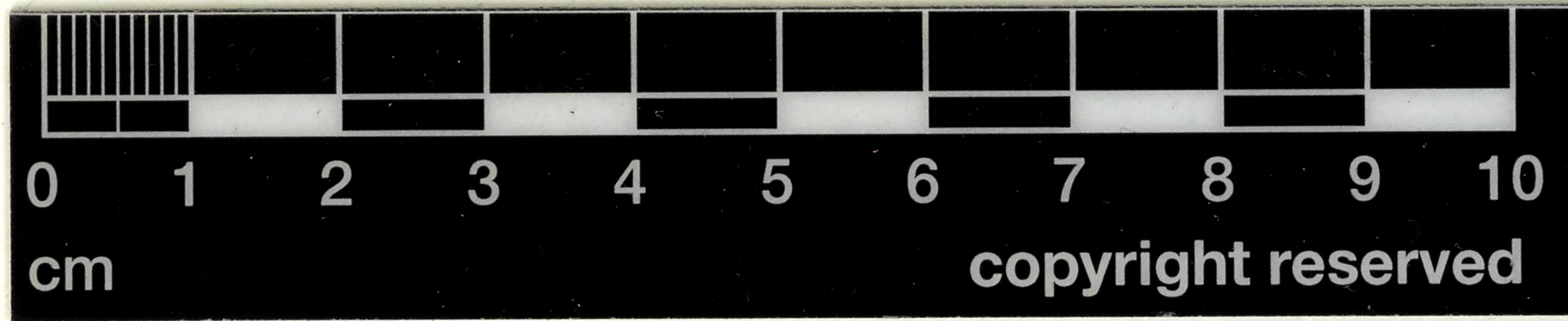
4816

Faint handwritten notes, possibly describing botanical specimens.



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Faint handwritten notes, possibly describing botanical specimens.



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49

Cusc. pg 500

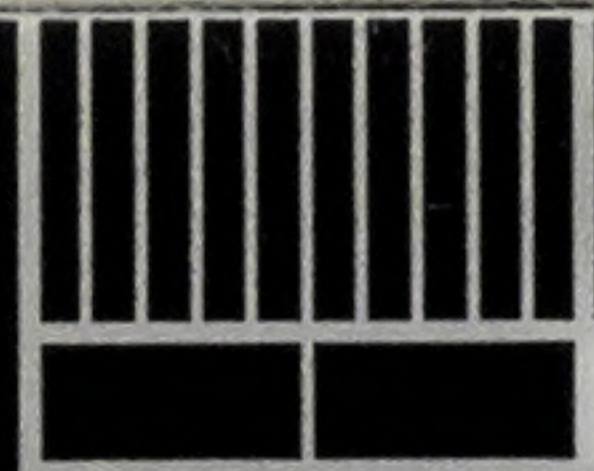
C. micrantha Choisy

C. micrantha Choisy Cusc. 175 t. 1. f. 3
Cl. Gay H. Chil. N. 446
de Prod IX. 453

Coguinco, Chili, shore of the
Ocean, always on Frankia
Cl. Gay. no 538

β . forma major. Concon, Chili
Poeppig No 89 sub nom *C. Popayanis*
& Diar. 159. sub nom. *C. Acahuana?*
S. obtusiflora? on Triplicaria,
Plantago etc.
v. Besser, in Hb. reg. Berl.
San Jago, Philipp. ibid.

Enclosed 415-418)



0 1 2 3 4 5 6 7 8 9 10
cm

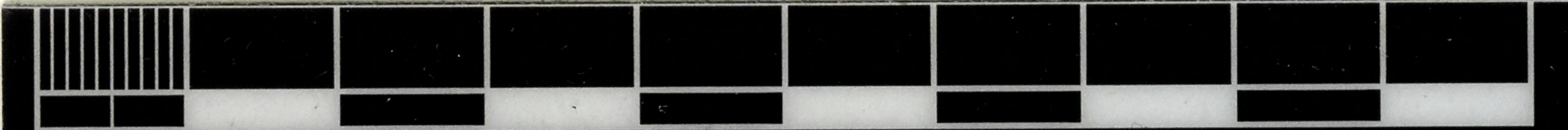
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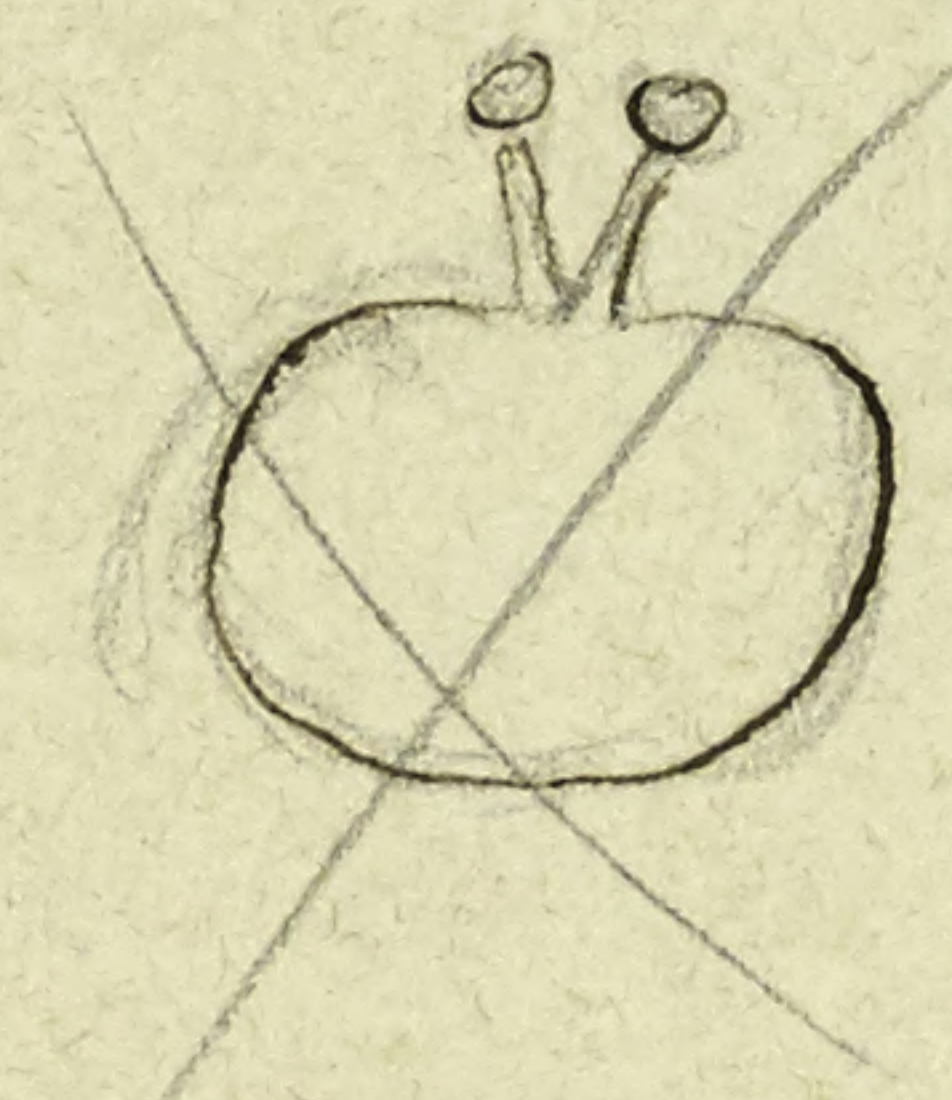
Mitranthe?

= 16 & 87
compare 26

Cuscuta

Mitranthe Choisii

1.3



Sept 1859

no 89

"*Cuscuta popayensis*"

Shuttleworth

Hb. Vindob.

in herb. Berlin

Hb. Boissier

Concepcion, Chili. botul. Poeppig

Agrian. 1859

Tripterygium, *Plantagine* etc
pascuis herbidis

floris glomeratis breviter pedicellatis

parvis;

calycis campanulati lobis acuminatis

tubo corollae campanulato

repentibus; laciniis corollae

tubo longioribus, acuminatis, imbricatis

granulatis crenulatis ~~puberulis~~ staminibus laciniis brevioribus

femina insertis antheris ovatis filamentis tenuibus

aequalibus; ~~staminibus~~ ovario

ovariis; ovario magno

depresso tubo corollae replente

stylis ovario brevioribus stylo capite

Cuscuta be Choisii *Cuscuta*?



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cm

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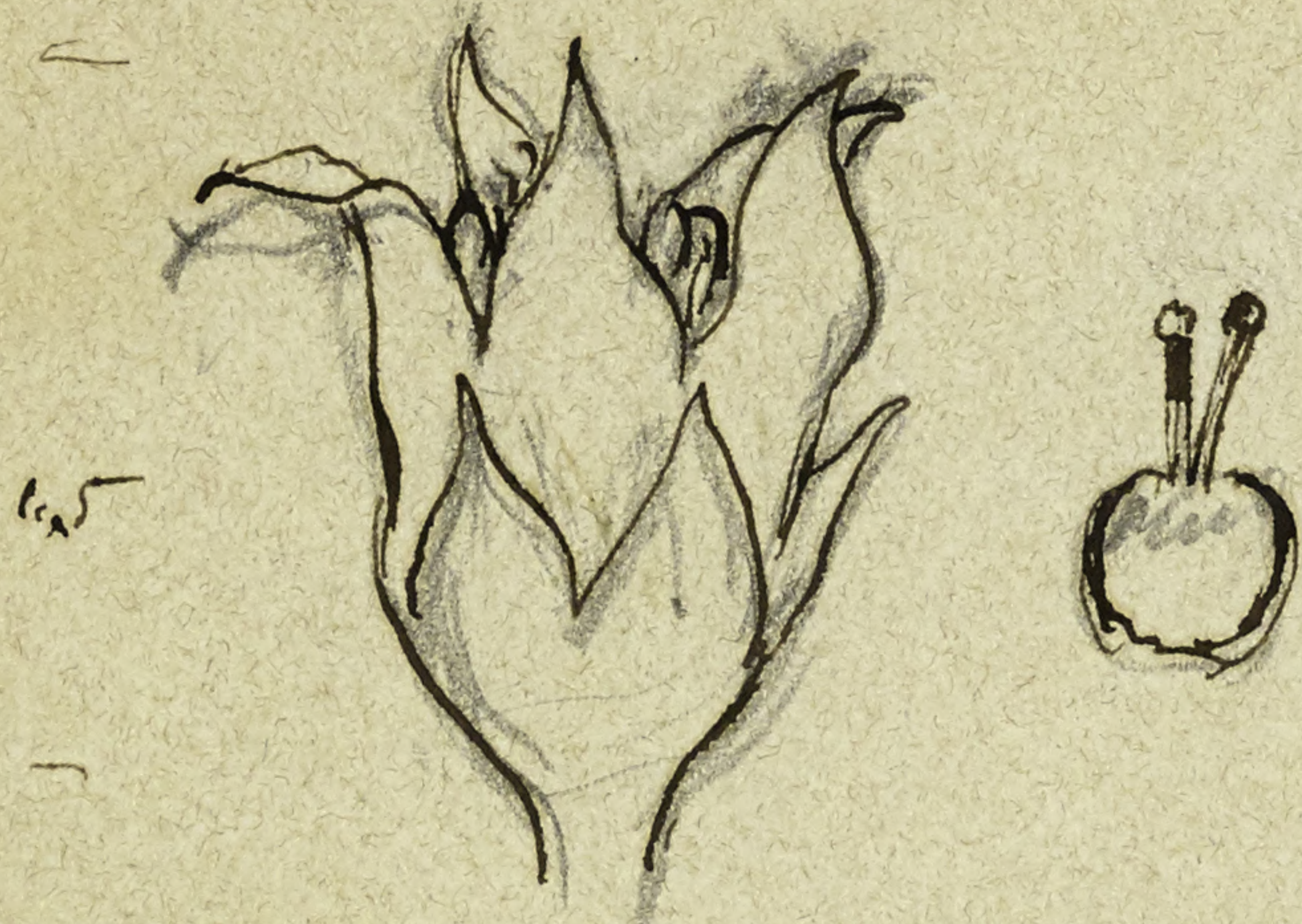
0 1 2 3 4 5 6 7 8 9 10

cm

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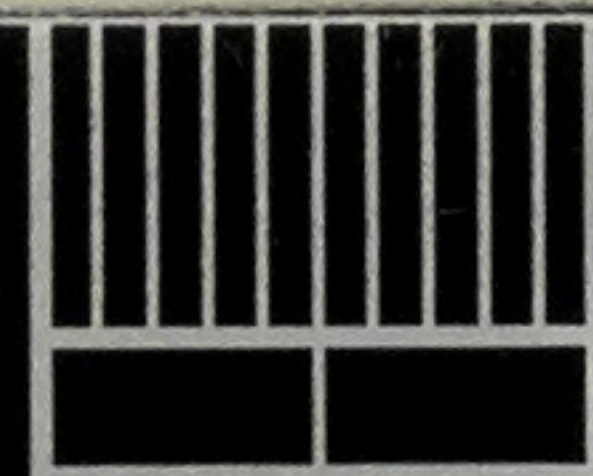
Cuscuta micrantha Hook. & Ar. ~~Chilensis~~

Santiago Chile

& Philippi 1856

Herb. v. Phil.

This name under the above name and is
probably correct; it is the same plant as *Besseyi*
and *Poeppigii* and not probably correctly named.
A low plant.



0

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cm

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~~17. 2. 6~~ *Californica*
~~18. 2. 6~~ *californica*
~~19. 2. 6~~ *californica*
~~20. 2. 6~~ *californica*

16 glandulosa?

23 *californica*?
californica?
californica?

10 = 578

~~18 *californica*~~

1 *californica*
~~2. 2. 6~~
~~3. 2. 6~~
~~4. 2. 6~~

16 = 124

~~2 *californica*?~~

10 *granovii*

1 in *californica*!

O. *californica* *stylis* *bracteata*
tuber *radix* *vermicosa*

californica *stylis* 25 (510) =
26 (503) ?

~~11. 9 = 818~~

~~6. 592~~

~~7. 685~~

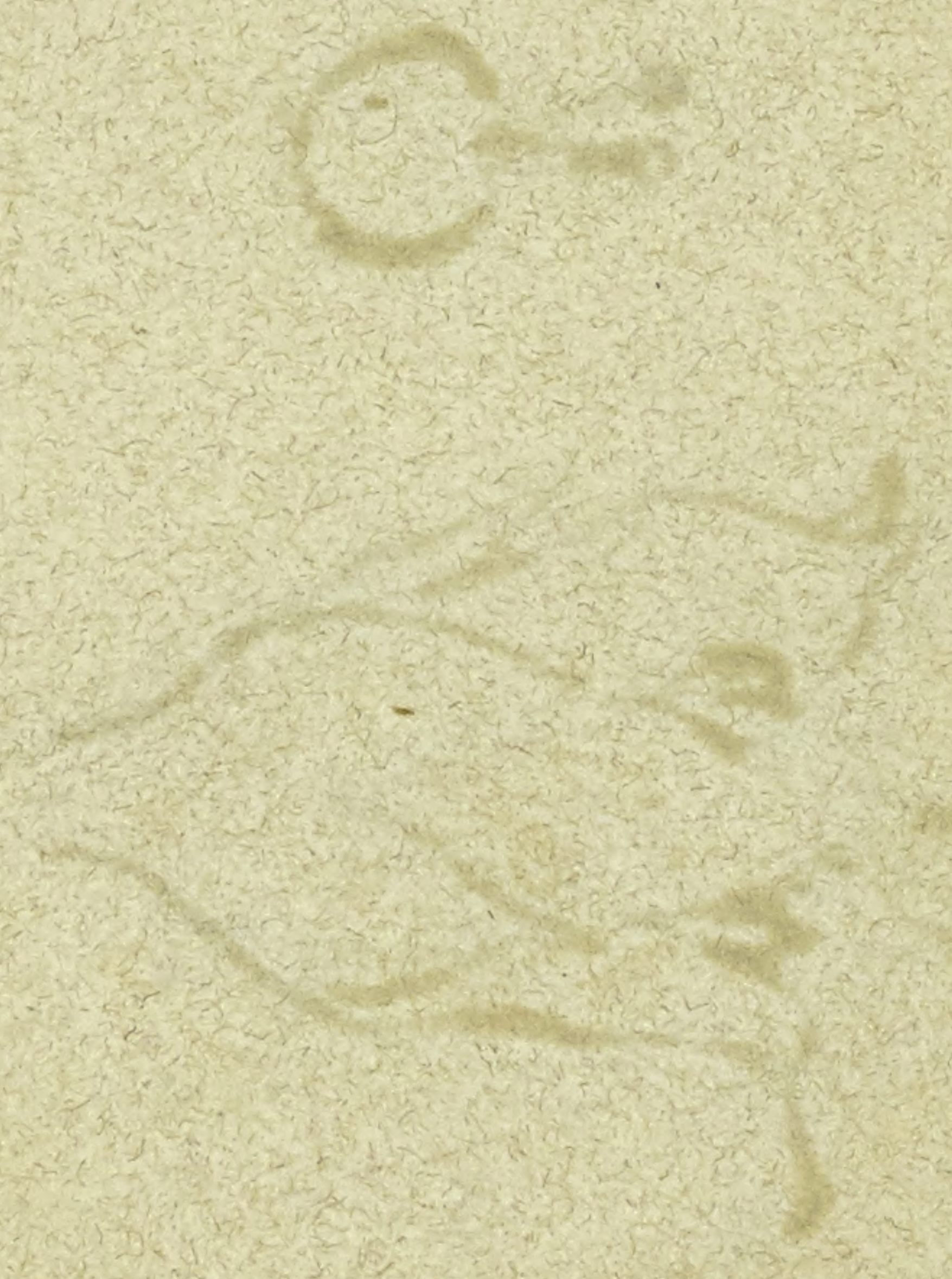
~~18. 541~~

~~20. 1111~~

~~22. 529~~

~~25. 510~~

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Cuscuta *mirabilis*

Chili

von Besser in Herb. reg. Berol.

1.5'''



floribus paucis (1 1/4 - 1 1/2 li longis)
 albis breviter pedicellatis in
 glomerulos densos congestis
 calyci campanulato lobis acutis
 tubum ^{campanulato} ~~perithecii~~ ^{aequantibus}; laciniis
 patulis, lacunulis ovatis acuminatis
 staminibus caulis brevioribus
 antheris ovatis filamentis filiformibus
 aequalibus: squamis fauce attin-
 gentibus, majoribus tenuissimis;
 ovariis ovatis stylis filiformibus
 aequalibus vix exsertis.

The smallest of the Chilean
 Cuscutae [except 235]



0 1 2 3 4 5 6 7 8 9 10

cm

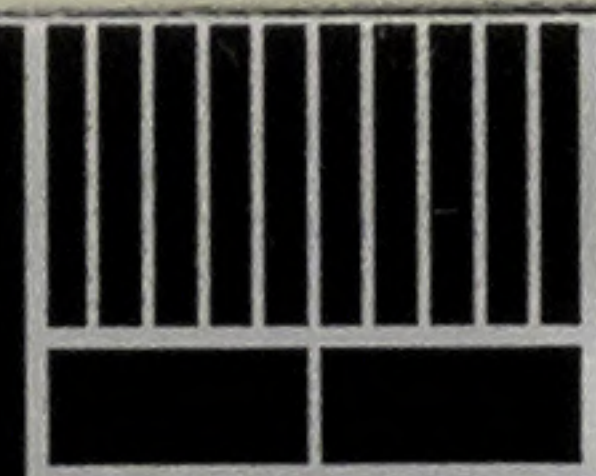
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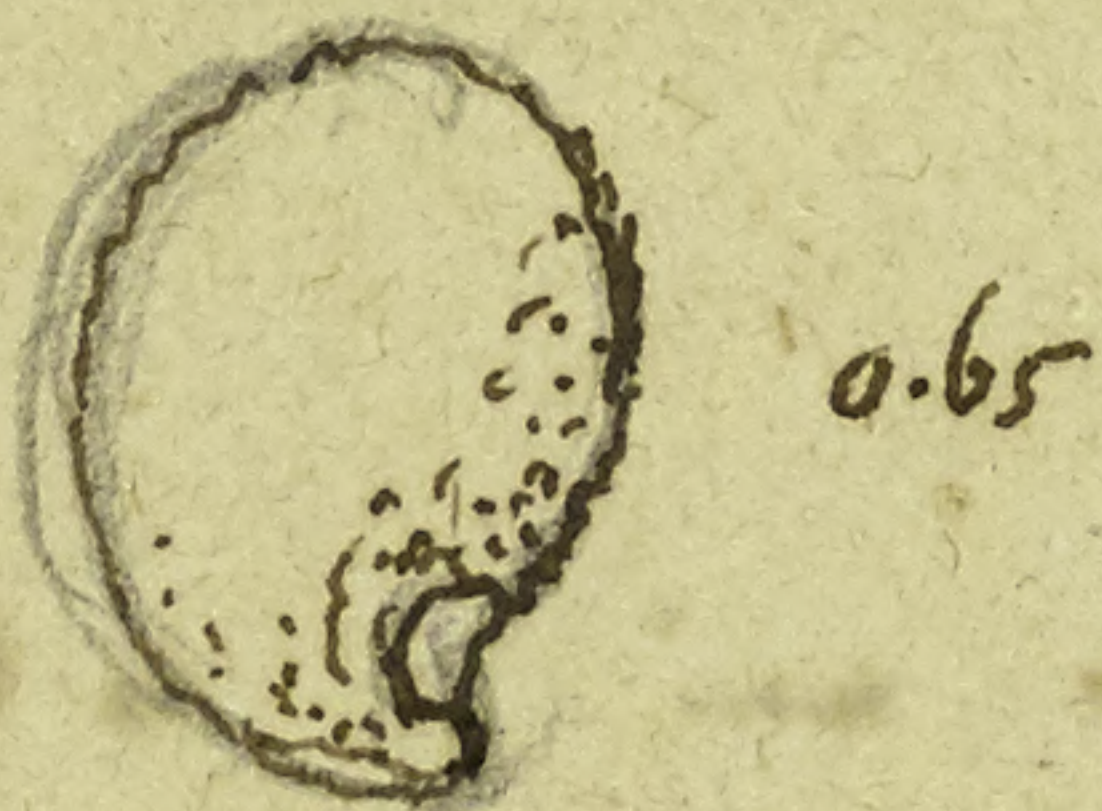


538. *Cassiope micrantha* Choisy
 Cl. Gay fl. chil!

always on Frankenia on the
 shore of the Ocean - 'Coyumbur
 Chili December

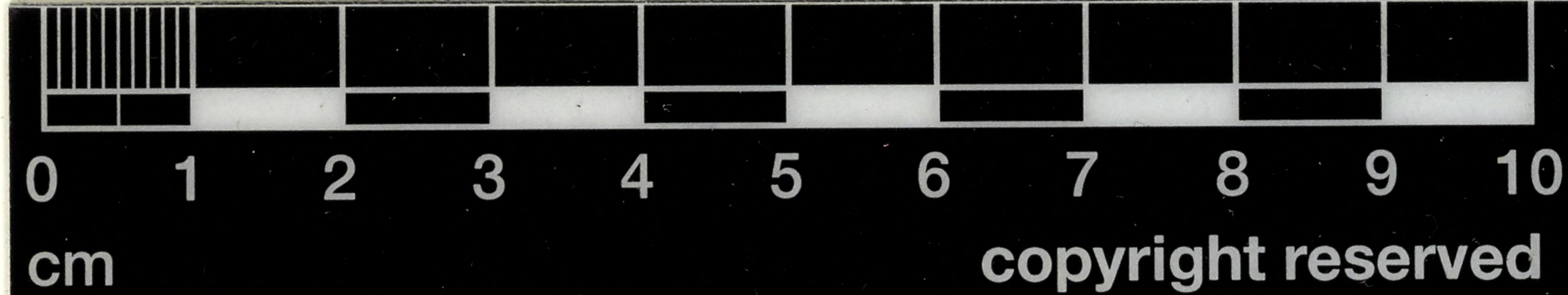
Cl. Gay.

Hb. Mus. Paris & Hb. Glandolle



Humilis ^{caulis capillaris pedicellis}
^{panicifloris}
 brevibus, cymis ^{panicifloris} axillaribus coarctatis glomeratis;
 calycis campanulati lobis triangularibus
 acutis tubo corollae vix aequalibus;

Corollae laciniis frigidulatis acutis s. cuspidatis
 crenulatis basi imbricatis erectis s. vix patulis;
 tubo profunde campanulato sub brevioribus; staminibus
 nullis brevioribus antheris ovato sagittatis perispermatis
 baccis incurvis fere aequalibus. squamis parvis medio tubo
 adnatis, ovulis crenatis, ovum ovulo magno, stylopodii coronato



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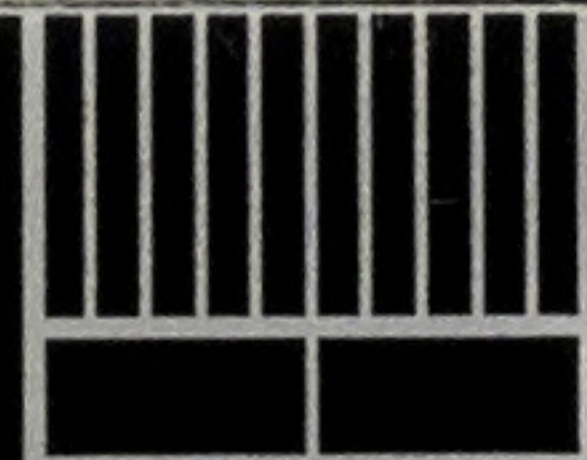
stylis brevissimis; capsula ^{lacinata} ovata, & corolla marcescente
exserta, (~~sempervivens?~~) ~~monosperma~~ ^{semine} ~~obovata~~ basi attenuata
incurva;

This is Gay's plant, cited by Choisy and most therefore
to the time ~~incurva~~. It seems to differ from the plant
taken heretofore for ~~incurva~~ (figs 12.16 & 87) by the smaller
flowers, complete corolla, small scales, short styles, ~~ovates~~ ^{depressed} ovary,
and probably the capsule, which I have not seen
on the others.

Styles almost as short as in 42 brachystyle & 91 ovata

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0 1 2 3 4 5 6 7 8 9 10

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Cuscuta Canothi H. Behr, Proceedings
Calif Acad. 1. p. 17 (Dec 1854)

~ ~ Capitula 5-flora. — fl. 5-meri-
Calyx lobis late ovatis corolla diam. 2
brevioribus — corollae ^{irregulariter} lobis pedunculatis
squama ciliata — antheris sessilibus (?)

San Francisco

probably same as *C. subindusa* Dur & Holz. (1856)



0 1 2 3 4 5 6 7 8 9 10

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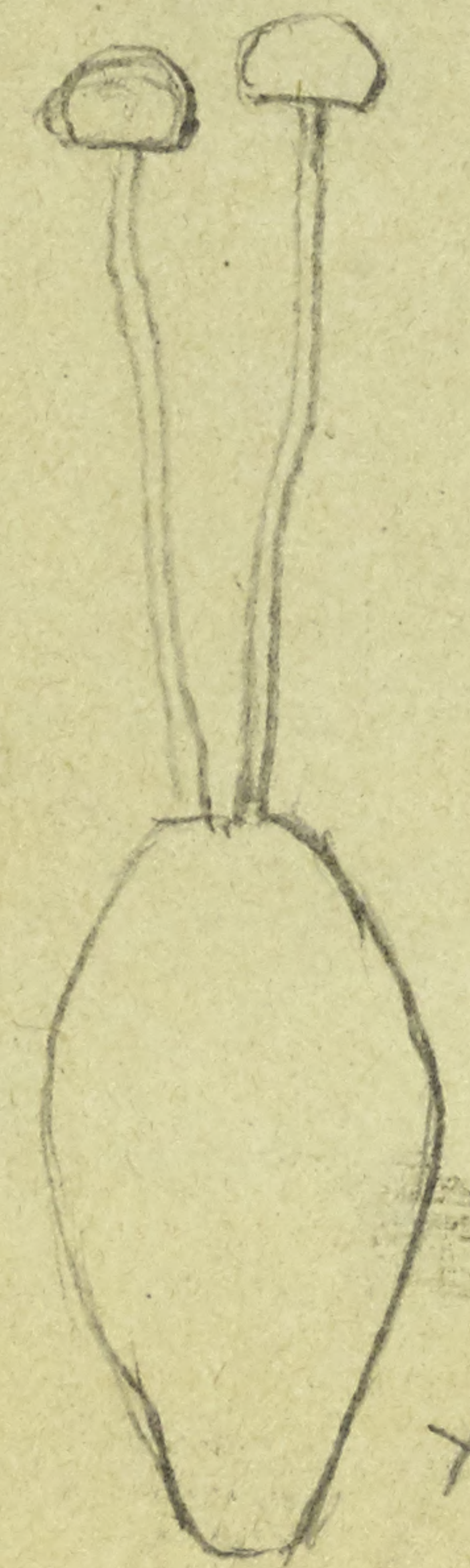
March 1862

Cuscuta California
betw var breviflora & graciliflora
on Salicornia

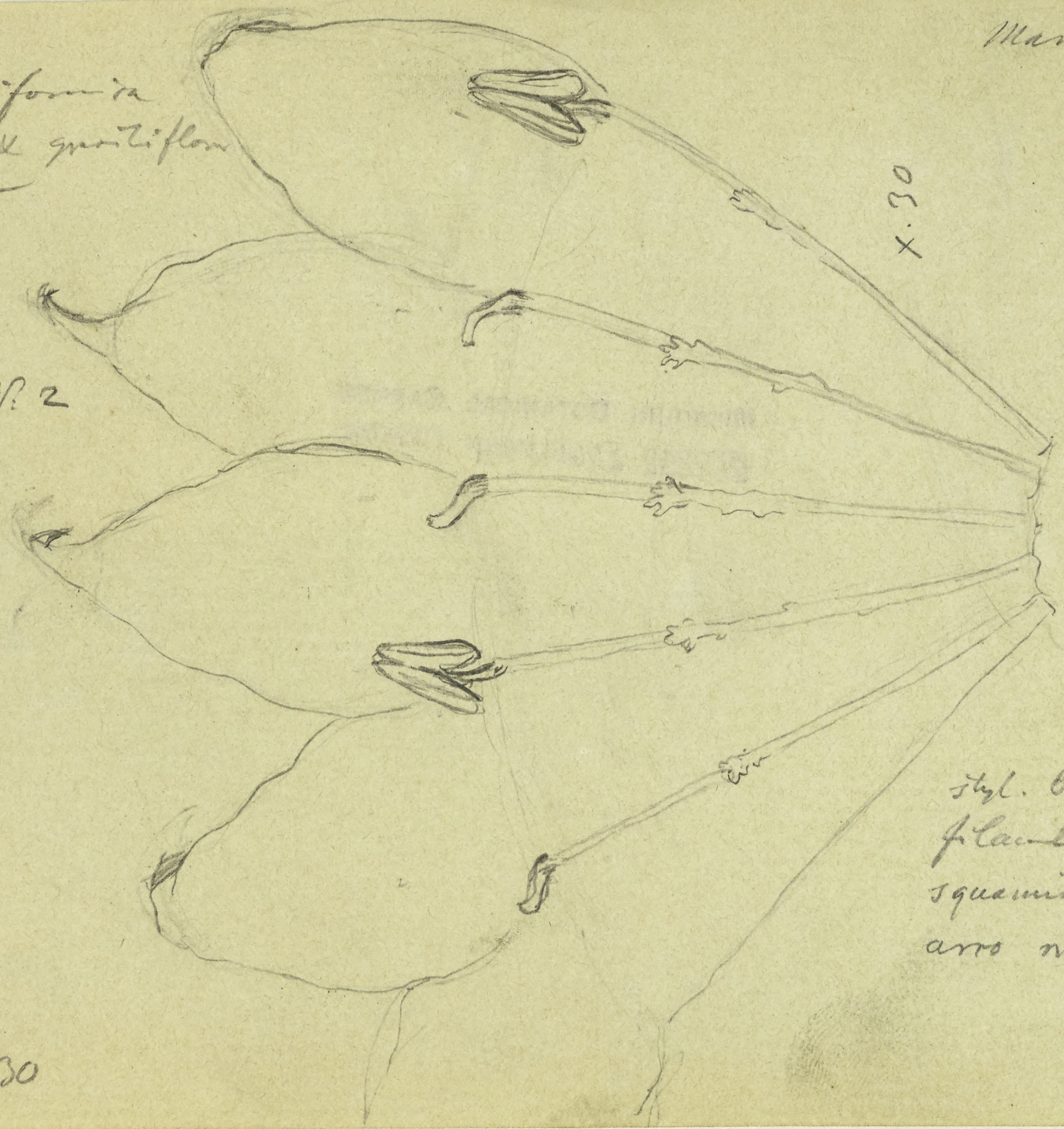
Nisqually
Wash. Terr.

U.S. Geol. Exp. No. 2

fls 2^{mm} long



x 30



x 30

styl. brev. inclus.
filament. brevissimum
squamis minutissimis
arvo nullo



0 1 2 3 4 5 6 7 8 9 10

cm

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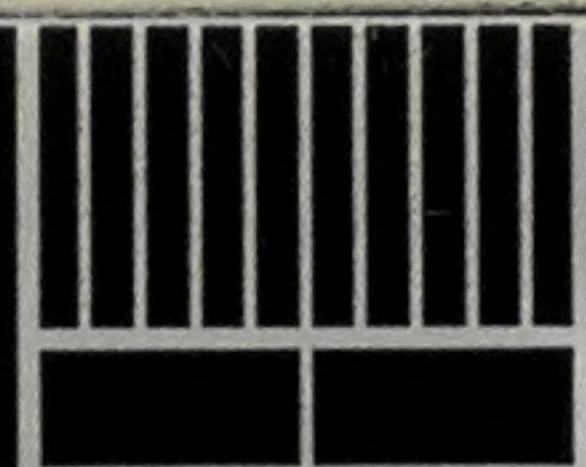
M. W. ALEXANDER,

SOUTH-EAST CORNER OF FOURTH AND MARKET STREETS,

ST. LOUIS.

4823

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0

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Sept 13 1875

Mare Island, Bay of San Francisco

Ch. Wright

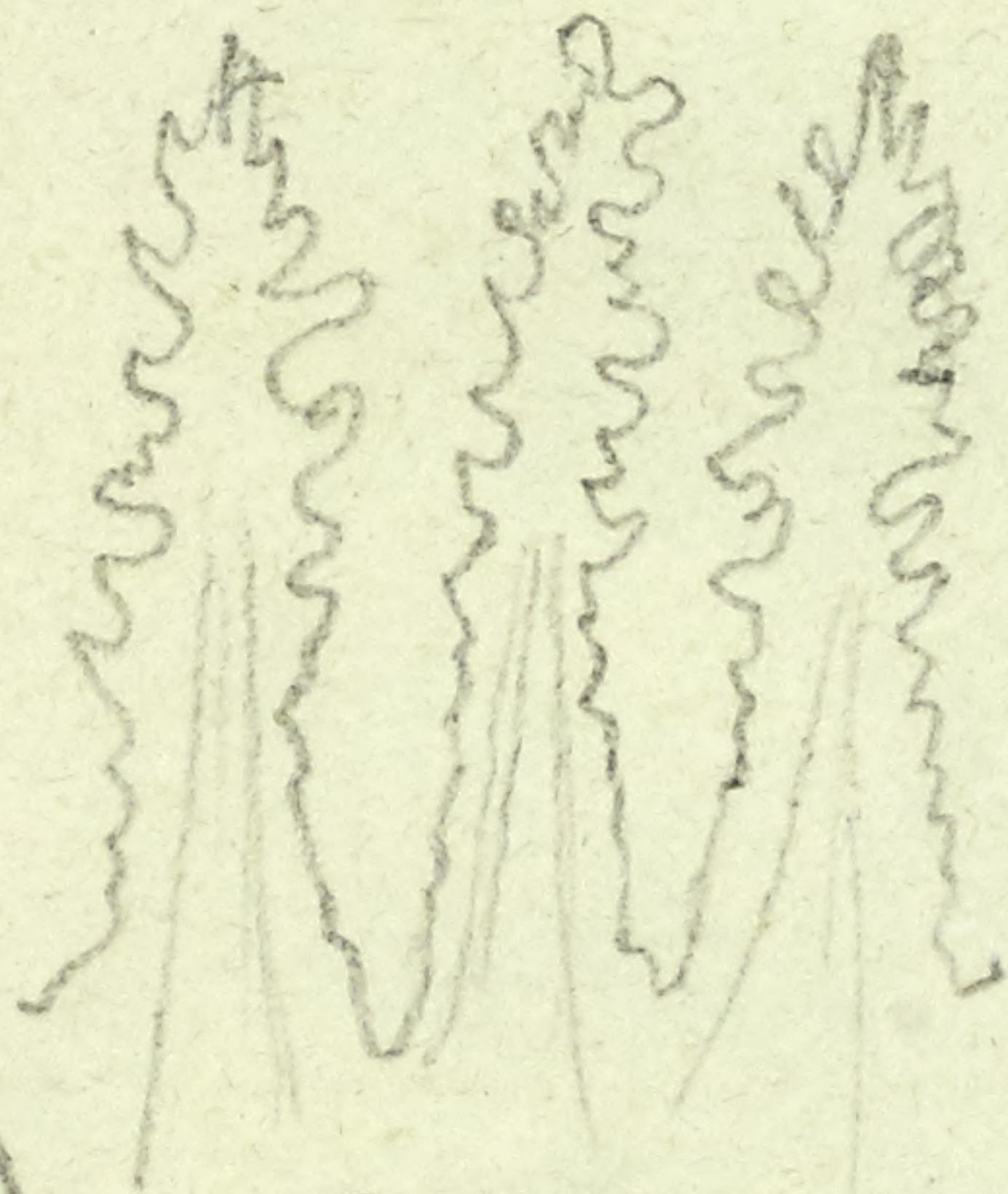
x10

in other specimens shorter,
in other quite sessile

3'''



peduncle

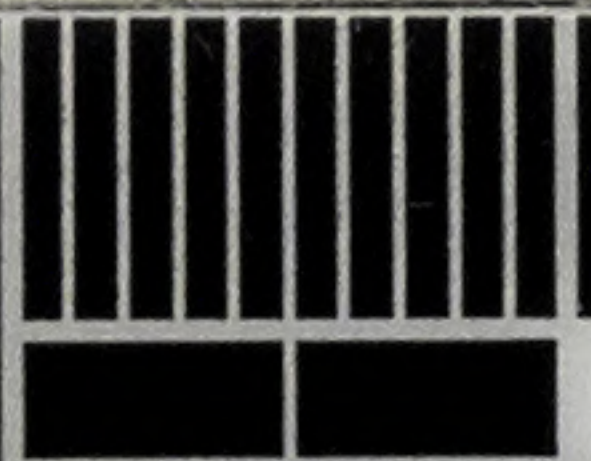


seed single

hilum rounded



Capsule 1-seed
Calyptrate closed



0 1 2 3 4 5 6 7 8 9 10

cm

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4824

Leitch & Corlies

DRUGGISTS

South-west
Corner Fifth
and Market
Streets

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0 1 2 3 4 5 6 7 8 9 10

cm

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No 2

Cuscuta

Sept 14 1875

California No 3 — not known, where obtained

x10

2 1/2"



J. R. KELLOGG & SONS
 CALIFORNIA
 150 N. 3rd St. San Francisco
 (Circular stamp: Kellogg & Sons, San Francisco, 1875)



0 1 2 3 4 5 6 7 8 9 10

cm

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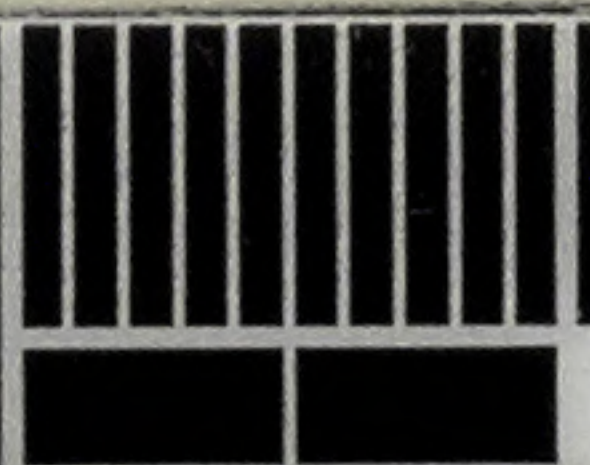
4825

Leitch & Corlies

DRUGGISTS

South-west
Corner Fifth
and Market
Streets

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N. 3

Calcutta

Sept 14 1875

x 10

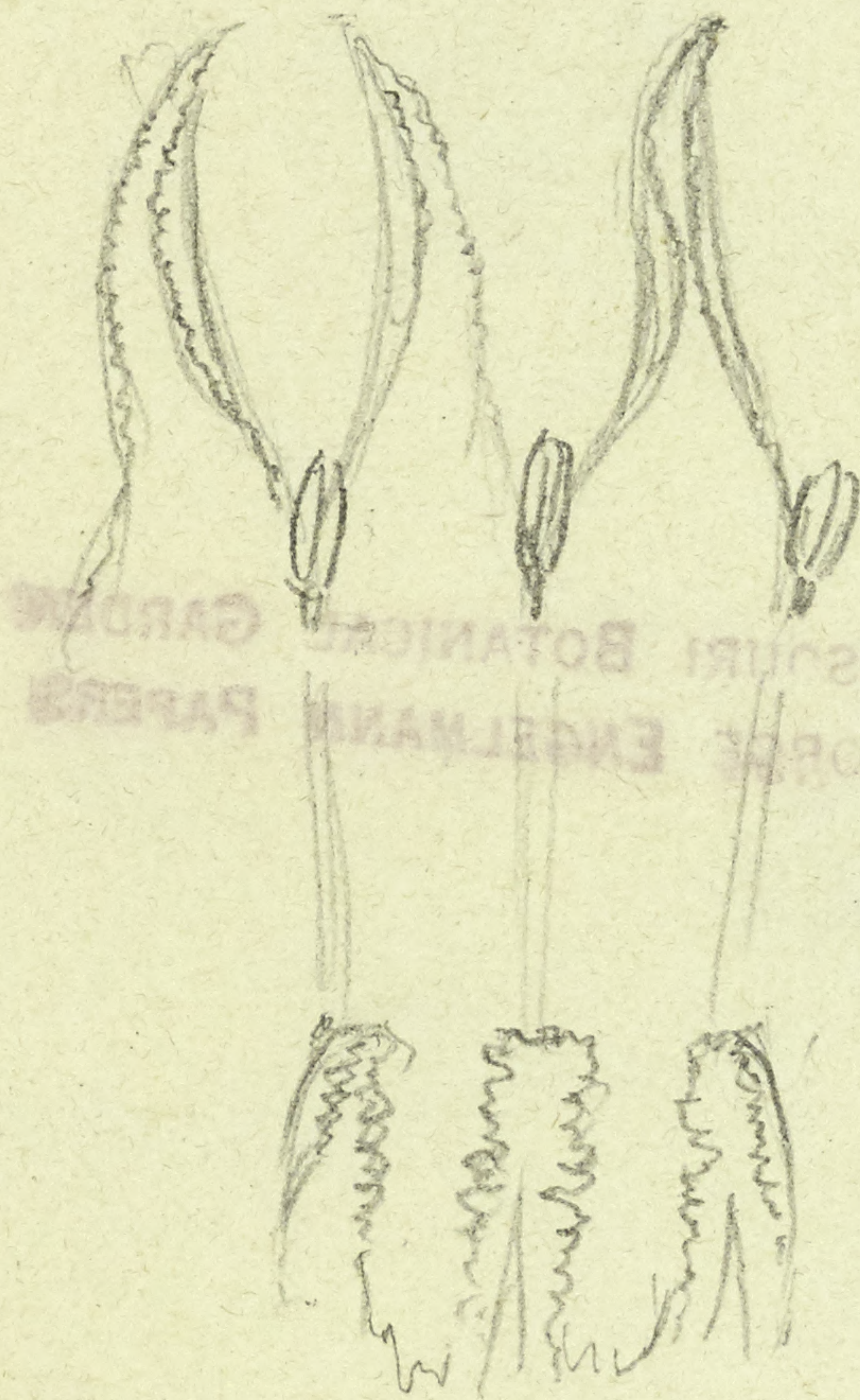
Californi No 4

on Artemisia

~~probably same as~~
~~Foot Fern~~
~~Dr Horn~~



nearly 4'''



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lobes of corolla
crenulate-papillose

largest flower seen
& most long, others are smaller, 6 or 7 mm long



0 1 2 3 4 5 6 7 8 9 10

cm

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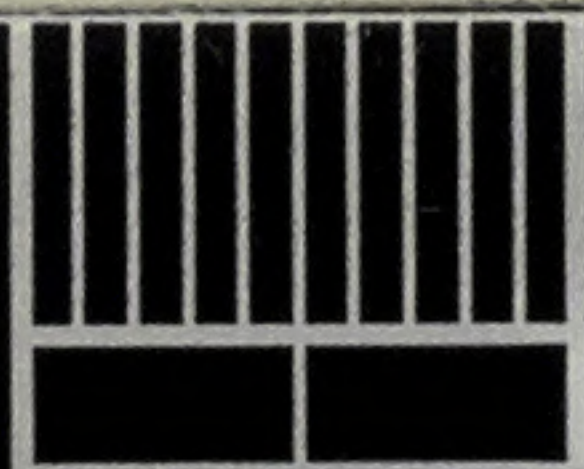
4826

Leitch & Corlies

DRUGGISTS

South-west
Corner Fifth
and Market
Streets

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0 1 2 3 4 5 6 7 8 9 10

cm

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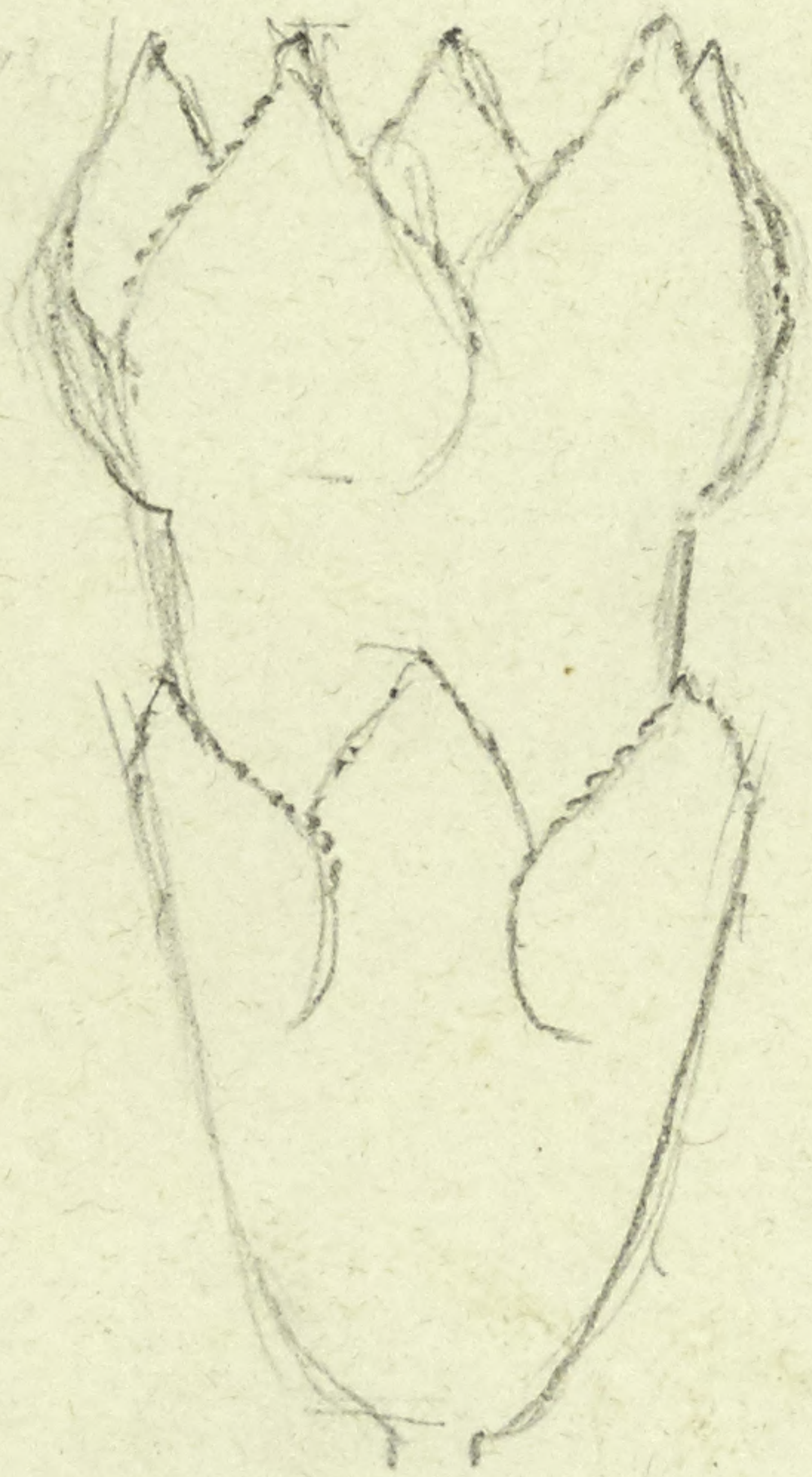
12

Sept 14 1875

Fort. Tejon Pass to G.H. Horn 1863

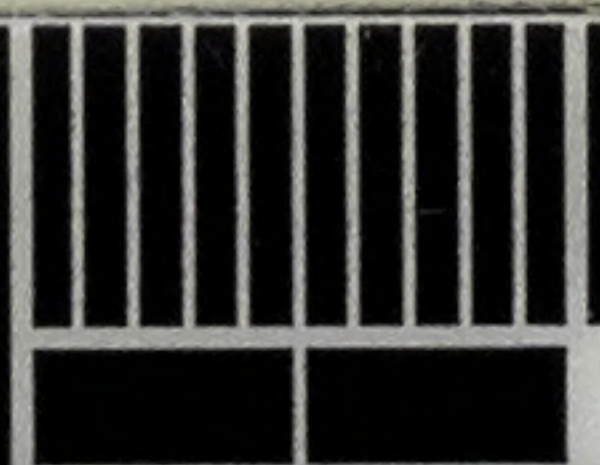
x 10

2 1/4'''



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Leitch & Corlies

DRUGGISTS

South-west
Corner Fifth
and Market
Streets

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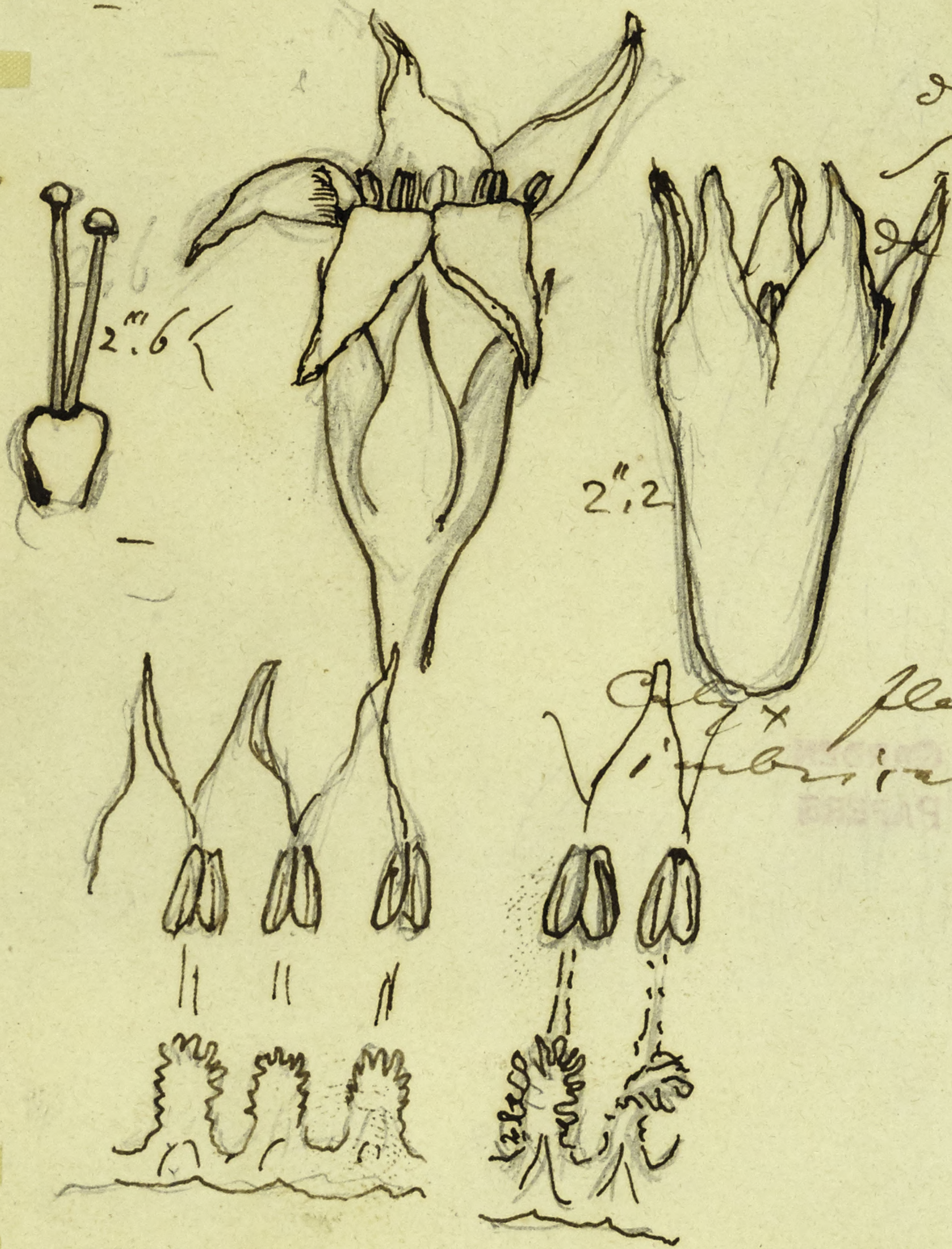
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July 1859

Cuscuta Californica
dans les bois de la
Sierra Nevada, au dessus
de Placer ville

J. Remy Aug 1855

Ex herb Mus Paris
Juni 1855



Alyx fleshy, deeply lobed
imbricate



0 1 2 3 4 5 6 7 8 9 10

cm

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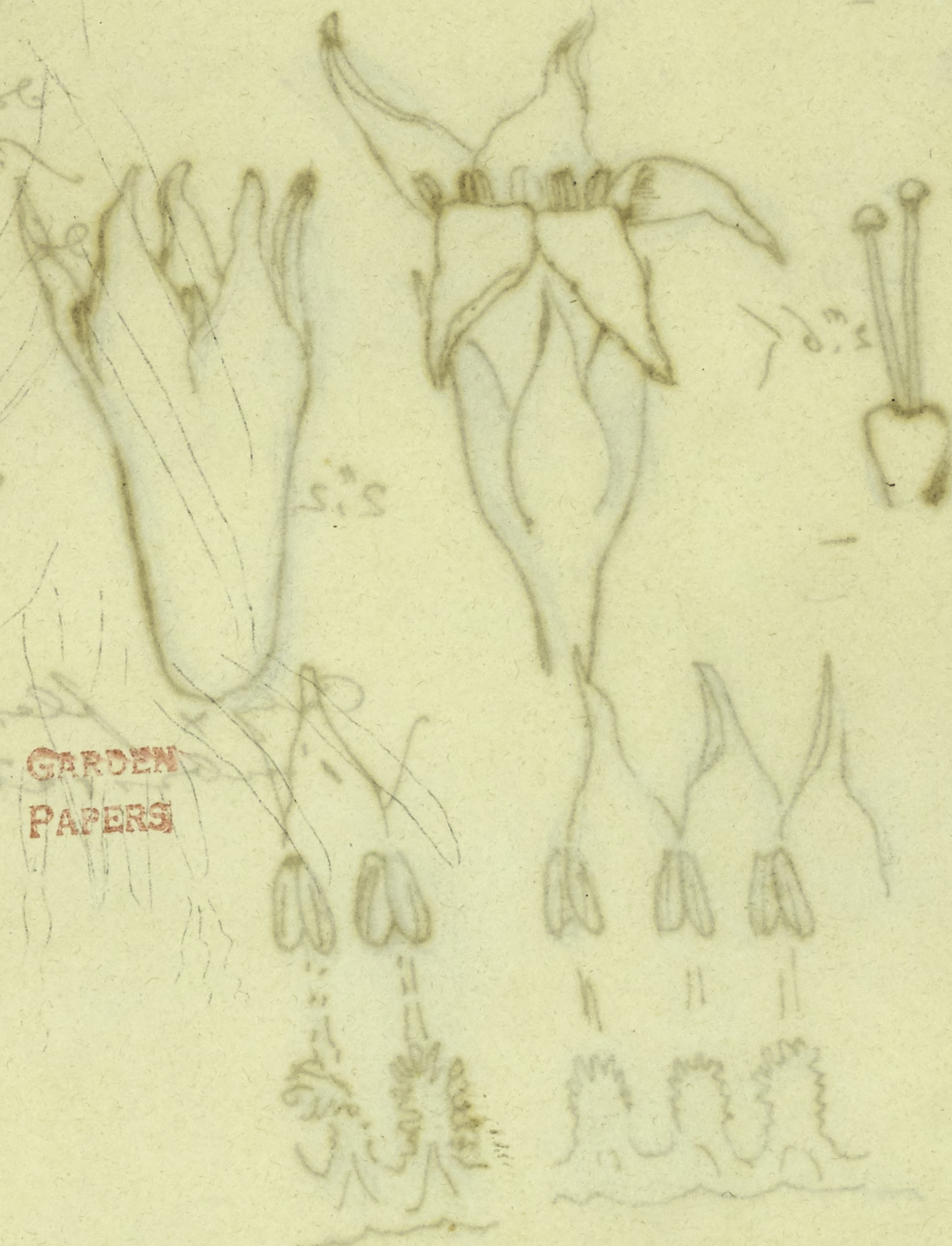


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July 1859

Faint handwritten notes, possibly describing botanical specimens.

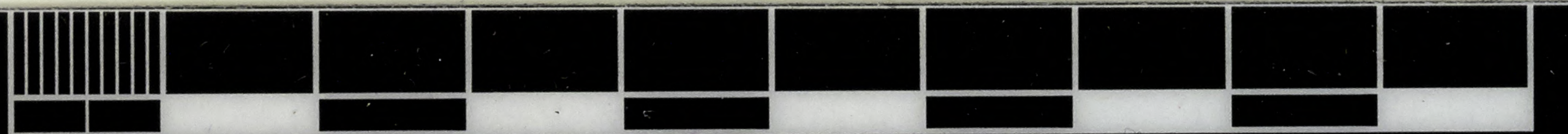


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GEORGE ENGELMANN PAPERS

2

ALEX. LEITCH,
APOTHECARY & PHARMACEUTIST,

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



0 1 2 3 4 5 6 7 8 9 10

cm

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