



MISSOURI BOTANICAL GARDEN  
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BOTANICAL NOTEBOOKS

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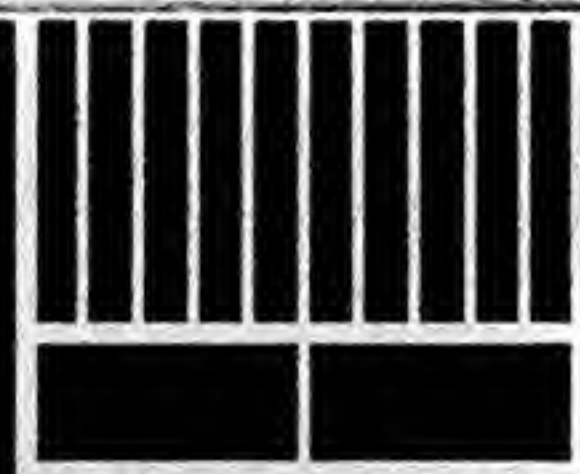
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25  
*C. Gronovii*  
var *C. curta* ~~var~~ ?

91. Fremont No. 79 in Hb. Torrey, Hook, Deuth.  
310 *C. umbrosa* Ayer, Hook Douglas M<sup>o</sup>, Ariz.  
Hb. Hook.

(Enclosed. 495-497)



0 1 2 3 4 5 6 7 8 9 10

cm

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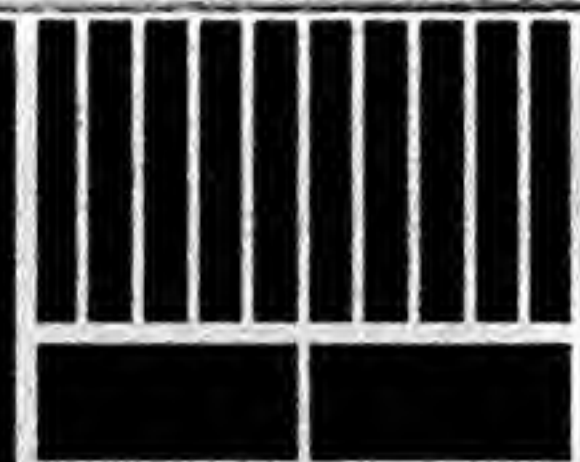


4922

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*[Faint, illegible handwritten text]*

*[Faint, illegible handwritten text]*



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51 C. Gronovii var. <sup>?</sup> curta

Western North America

Fremont 79 in Herb Torrey  
Hook & Benth.

~~C. umbrosa~~ <sup>Dray</sup> ~~pro~~ ~~perla~~ Hook. fl. bor. Am.

Douglas N.W. America  
- Hb Hook.



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*(Faint handwritten text, possibly a name or date)*

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*(Faint handwritten notes, mostly illegible)*



0

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91

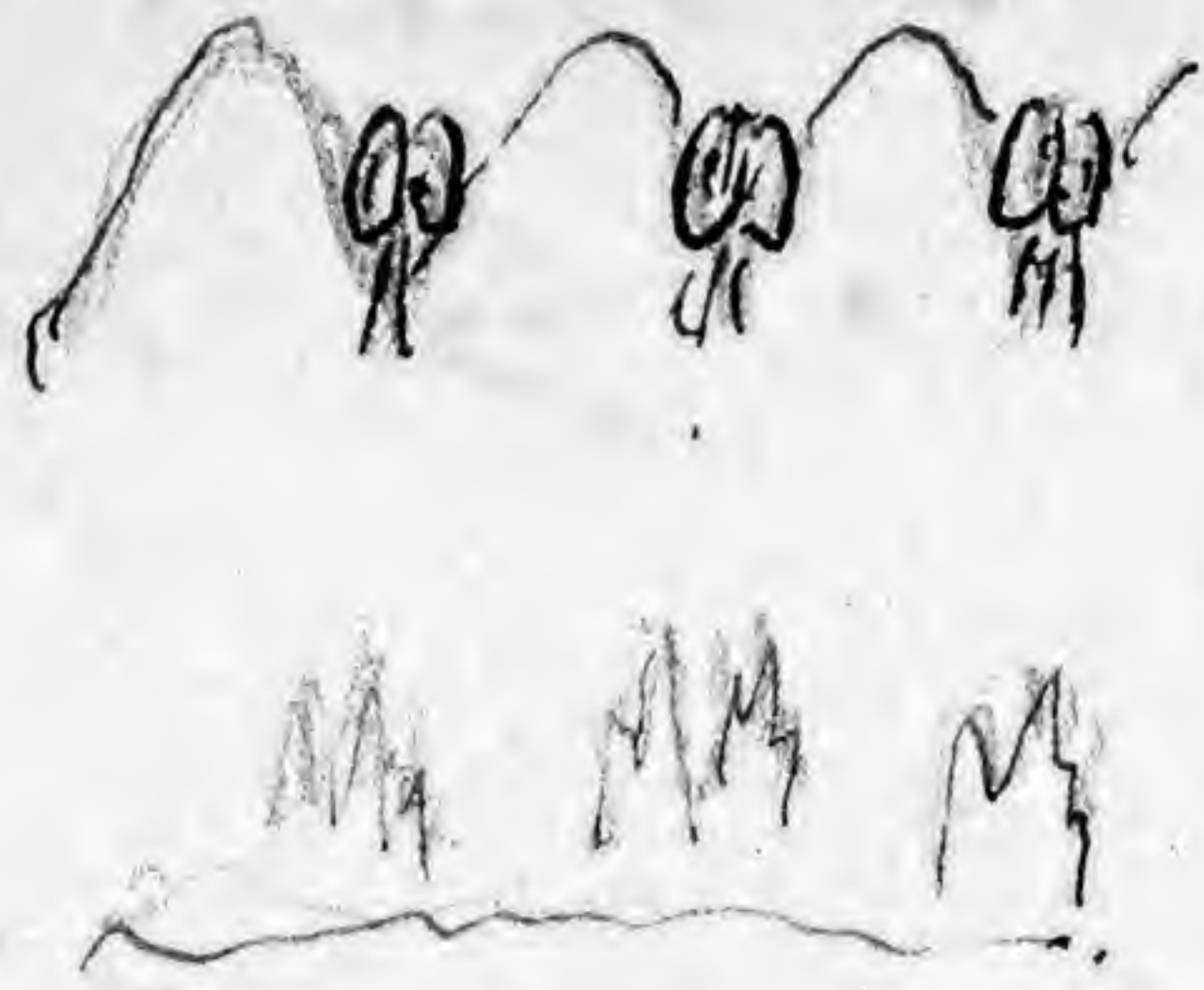
= = 310

compare 42. *C. brachystyla*

*Cuscuta curta*

79 Fremont

1845



1.3

2  
- 2.5

10

Caule filiformi, glomerulis paucifloris paniculatis, pedicellis brevissimis bracteatis; calycis lobis ovatis obtusis glanduloso verrucatis, imbricatis tubo corollae exsertis, laciniis erectis s. demum patulis obtusis obtusis, imbricatis duplo longiore, cylindricis - campanulatis; staminibus brevibus; antheris cordatis sagittatis,

tubo adnatis brevibus filamentis sagittatis; squamis immixtis brevibus, fimbriatis, s. subnullis; ovario magno, ovato - conico, stylis brevissimis inclusis, corolla calyptraeformi ad apicem. Capsula conica baccata peristoma marcescente; apice apertum intra stylari majuscula; seminis verruculosis magnis.



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flowers 1.3-1.5" l. long; scales of involucre; capsule 2-2.5 l.  
long; seeds abt 1 l. long; - Intermediate - habit between  
*C. Gronovii* & *tenuiflora*; distinguished by the very short styles  
and slender or absent scales.

distinct from *C. brachystyla* (42) by the long tube of flower;  
the scales, the shape of anthers

Also in Hb. Bentham de Kew - for Torrey  
on *Ribes aureum* or some similar species

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1.2



North west American  
Douglas

in Herb Hook.

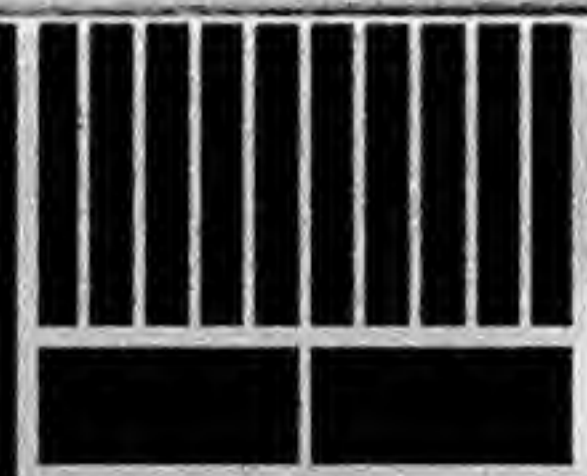
2.0



This is the plant which Hooker  
described in his Flora ~~II~~ p. 78

as *C. umbrosa* Beyer - HB. (together with  
(*Gronovii*) and is no doubt the same  
as Fremont's plant (fig 9'); it is  
distinguished from *C. Gronovii* by the smaller

flowers, deeply campanulate or rather cylindrical -  
edges and lobes, only half as large as tubes; anthers oval  
triangular, filament very short; scales short, often bifid  
or truncate.



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ovary with strong stylopods, styles much shorter than  
ovary; Capsule oval, surrounded or covered by  
the remains of the pericarp, which is torn loose from  
the base. —

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4925  
526h



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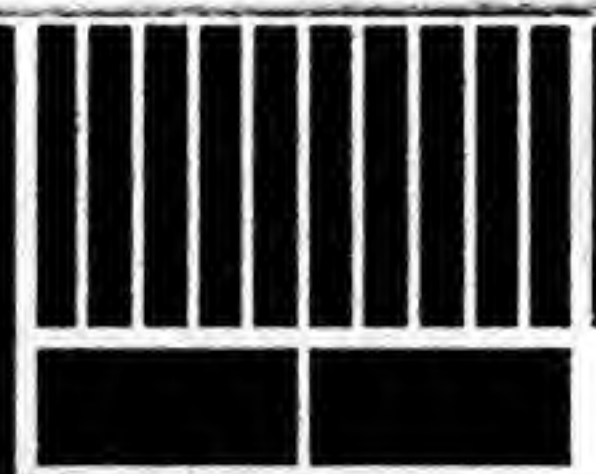
61

Cuscut p. 508.

C. rostrata Shuttlew.

t. Mountains of N. Carolina C. oxysepala E  
Gay in Hb.

Enclosed 898-899



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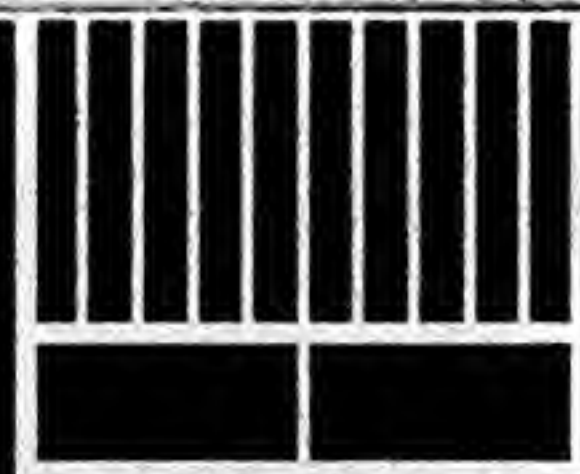
~~C. angustata~~ Shuttles! Caroli sept. Angel  
H. Shuttles

Joy & Sellent N. Car & W. Va.

Antist N. Carol

Brockley S. Carolin

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32 Casouta rostrata Shuttlew! Carolina Sept Augl - H. Shuttlew.  
etc

32

Car. sept & Virgin Sillim & Gray

Car. aust. Curtis.  
Buckley.



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St Louis Nov. 1843

t.)

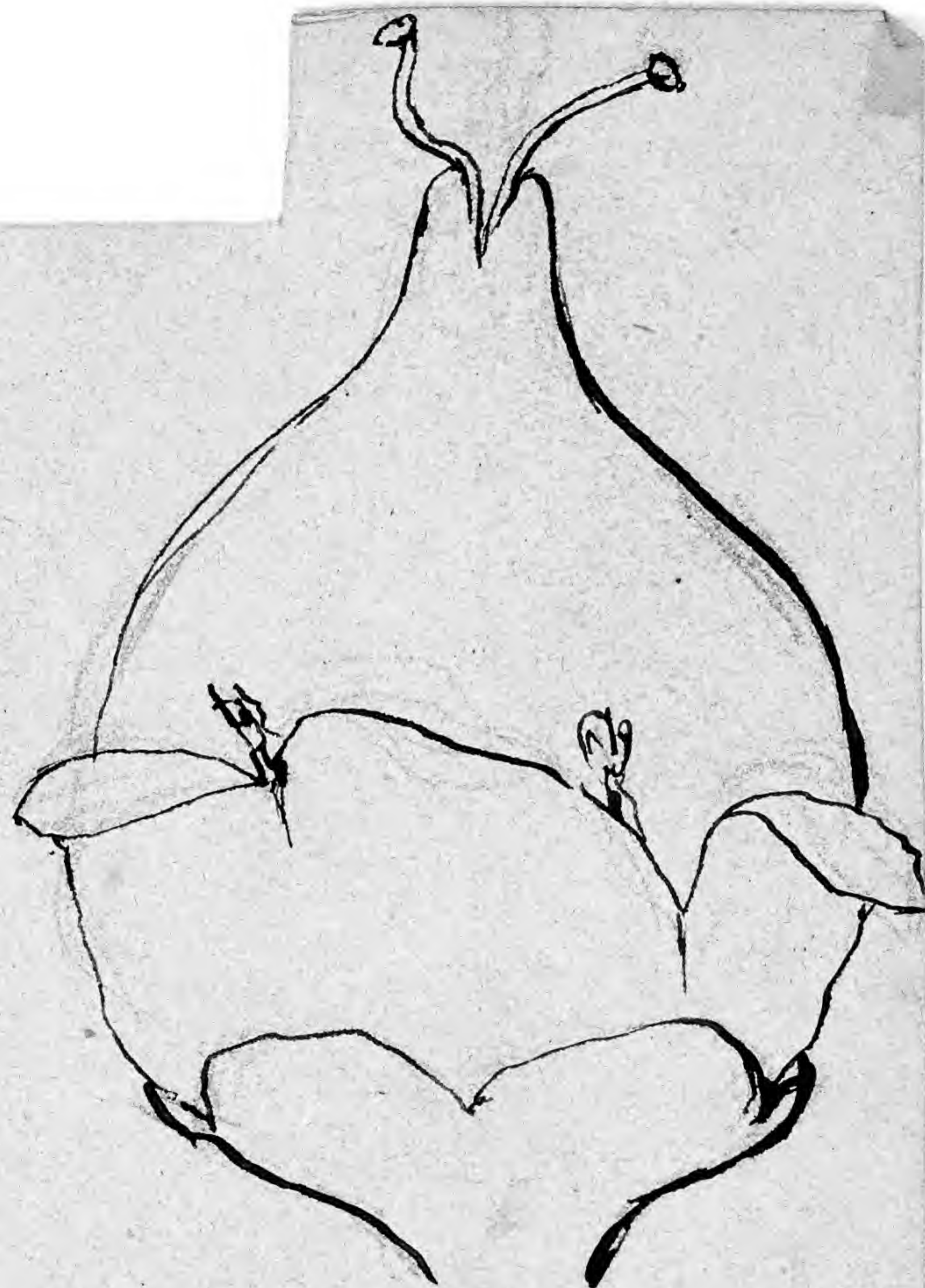
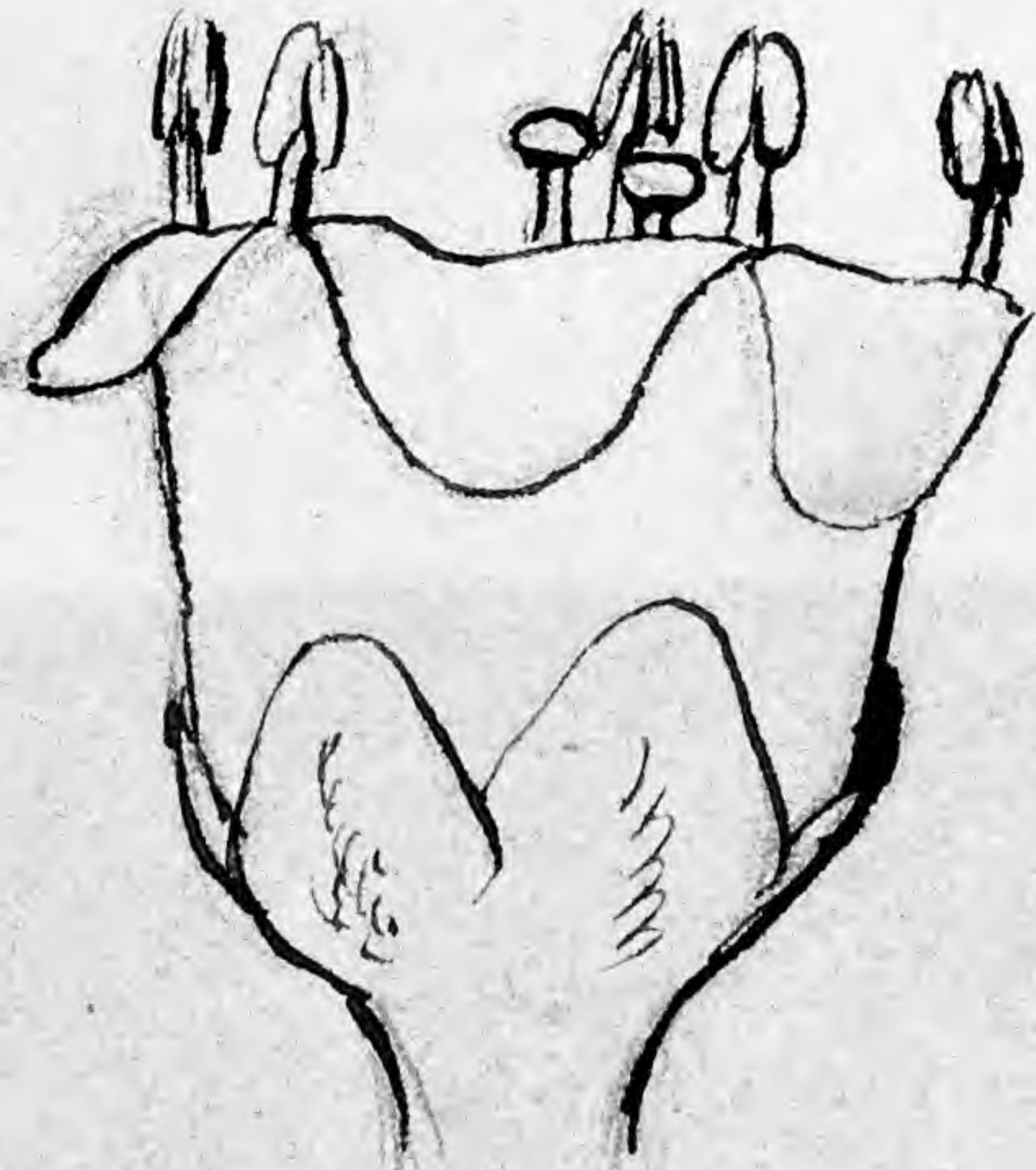
*rostrata* Schott

*Cuscuta oxycarpa*

Mountains of N. Carolina

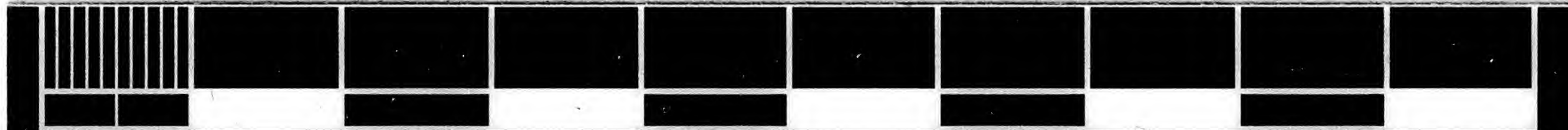
A Gray & W.S. Sullivan

Sept. 1843



d.o.  
-1-3

kernel small (obly) linear  
transverse.



0 1 2 3 4 5 6 7 8 9 10

cm

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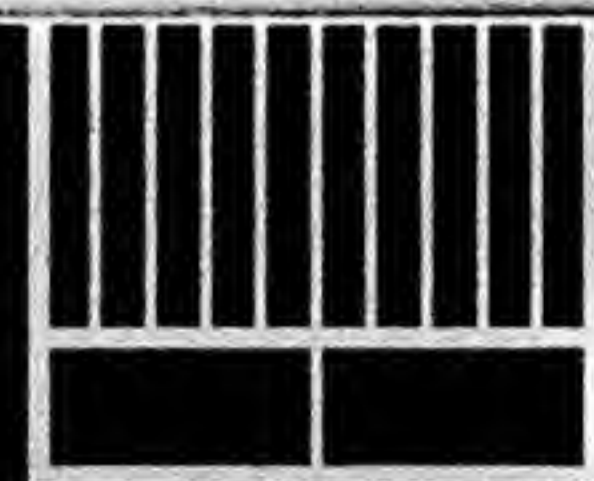


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34

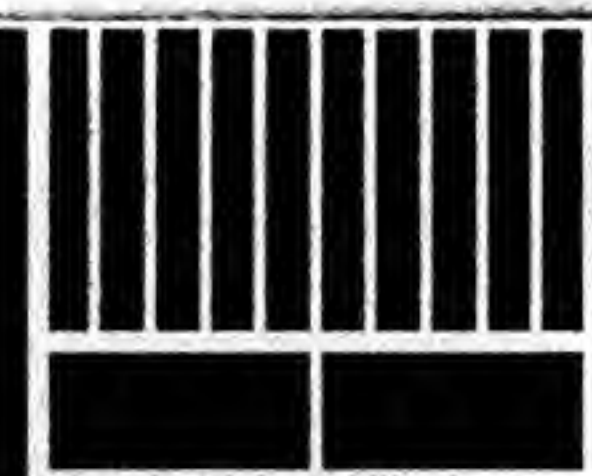
*Cass. Tasmaniae* n. sp.

*C. australis* Hook. fil. in

*H. Tasman.* p. 278

non *R. Brown*

(Enclosed 500-502)



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*[Faint handwritten notes, possibly including a date like '1845']*



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Cuscuta Tasmania

March 26 1878

x60



soaked stigma  
of a very young  
bud



soaked stigma of an open  
flower

(the other stigma was similar)

ex Herb. Kew  
1878



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*Geo. Engelmann, M. D.,*  
No. 3003 Locust Street.



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Kew, Aug 1857

*Conyostyle*  
*caerulea* Tasmania n. sp.

N<sup>o</sup> 1991 Hobartstown

Van D. Land Gunn

Herb Hook

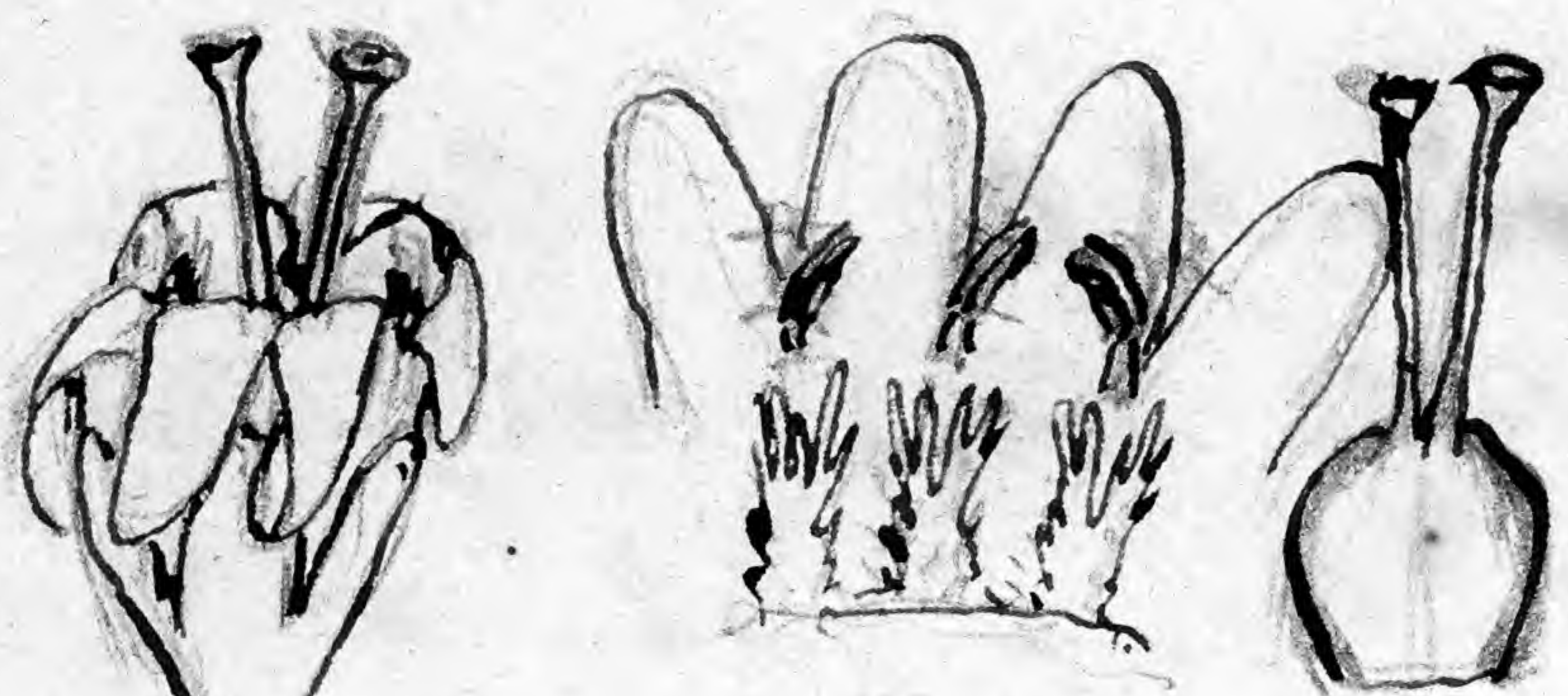
*C. caerulea* Hook fil in  
*Fl. Tasmania*, p. 278  
This is a most

remarkable species

of quite peculiar aspect,  
and in the stigma

differs from any other  
section in this genus; the anthers

also are peculiar with their thick  
connate base



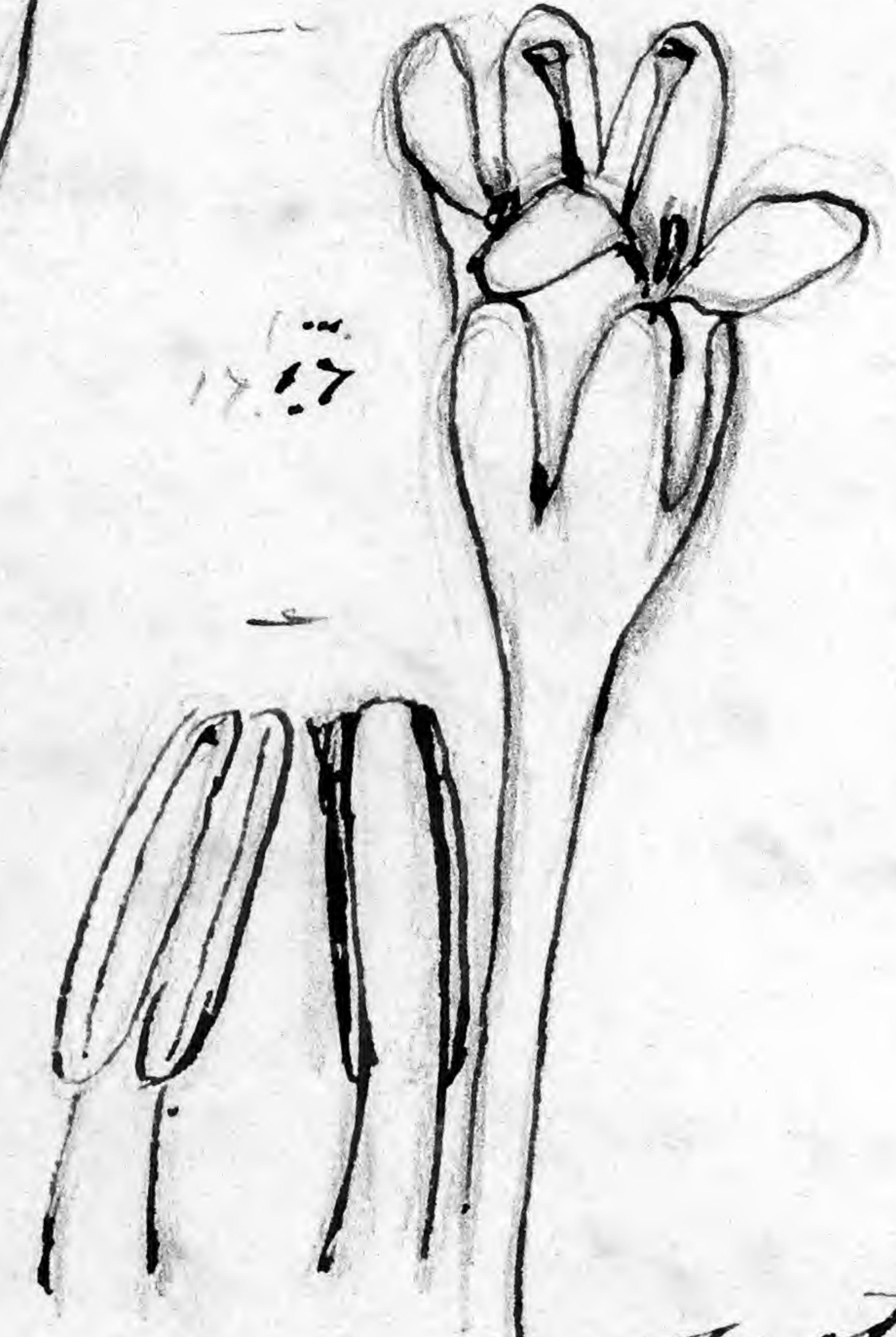
14



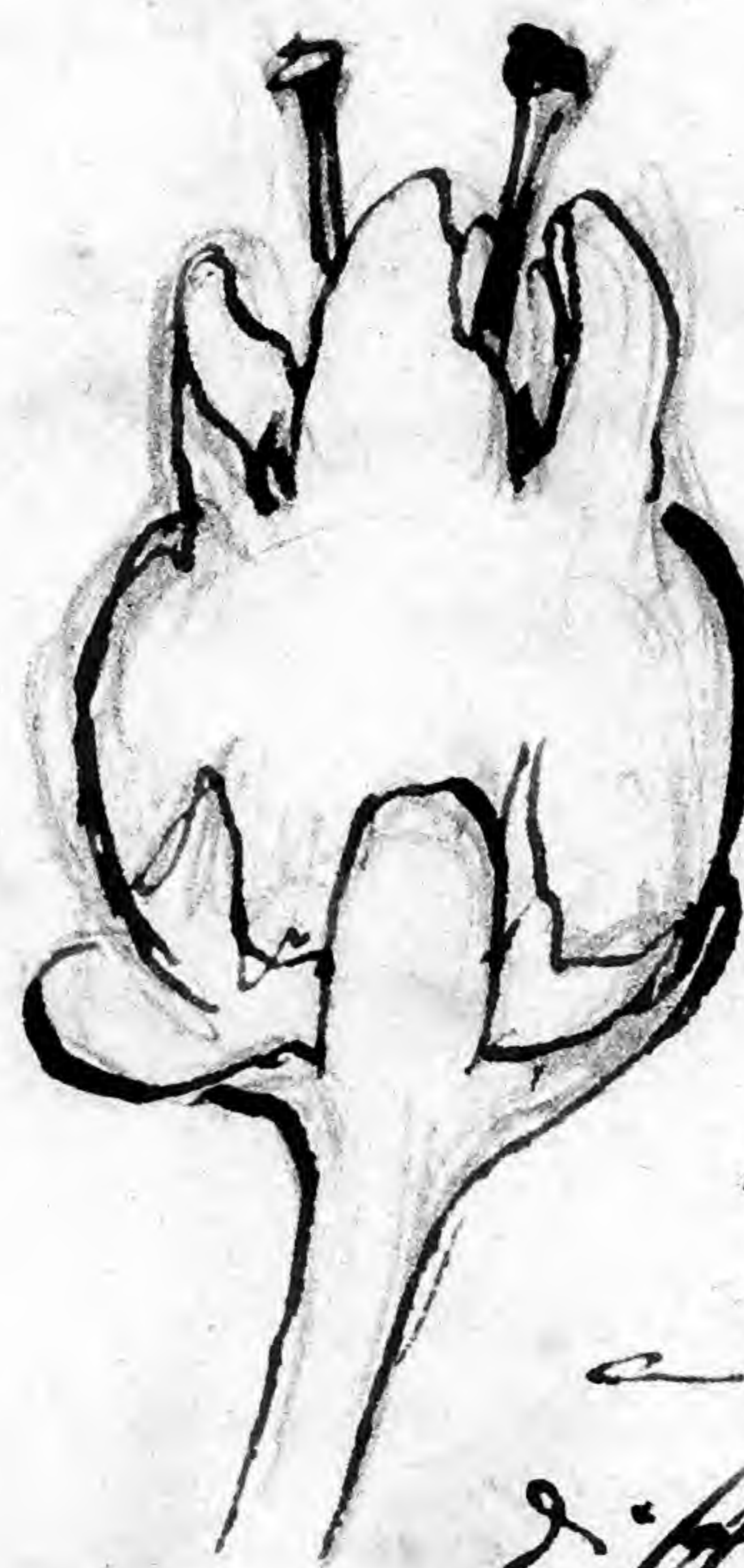
stigma



17



stamina  
front & back



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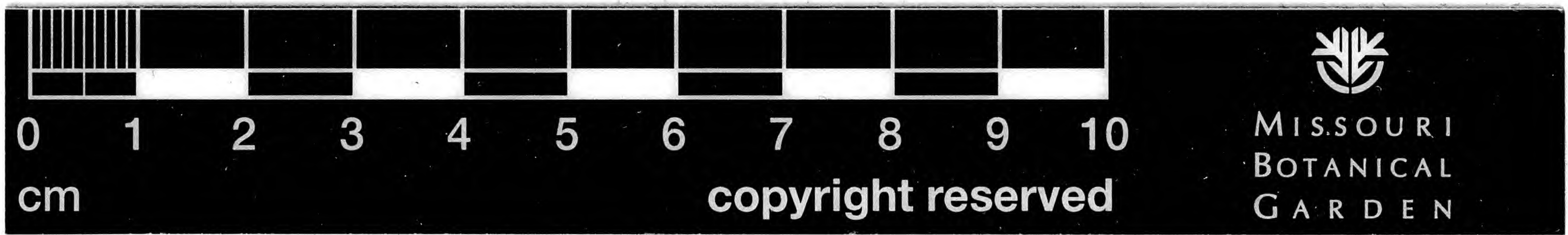


floribus laxo cymosis; fasciculatis, longe pedicellatis;  
 calyce turbinate profunde 5-lobo, lobis oblongo-linearibus  
 obtusis tubo corollae aequantibus; laciniis oblongis  
 obtusis patulis s. plerumque reflexis, tubo longioribus;  
 staminibus brevibus incurvis; antheris oblongo-linearibus  
 filamentis crassis longioribus; squamis angustis fimbriatis  
 subbifidis fere aequantibus; stylis crassis  
 basi subglobosis aequilongis s. longioribus <sup>exsertis</sup> - stigmatibus  
 turbatis subimmersis in pediculis  
 capsula globosa baccato sericeo corollae rudimentis  
 calyptata

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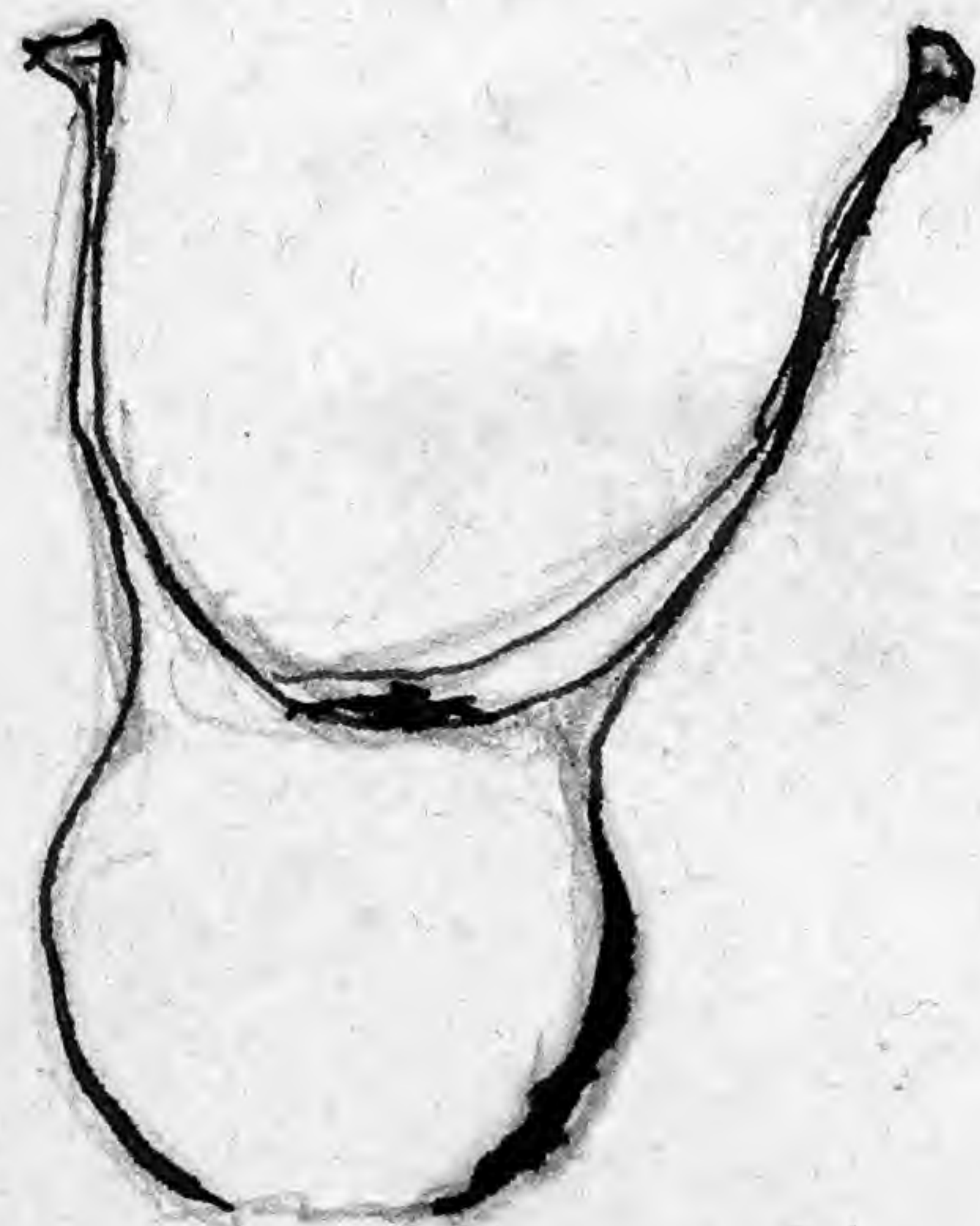
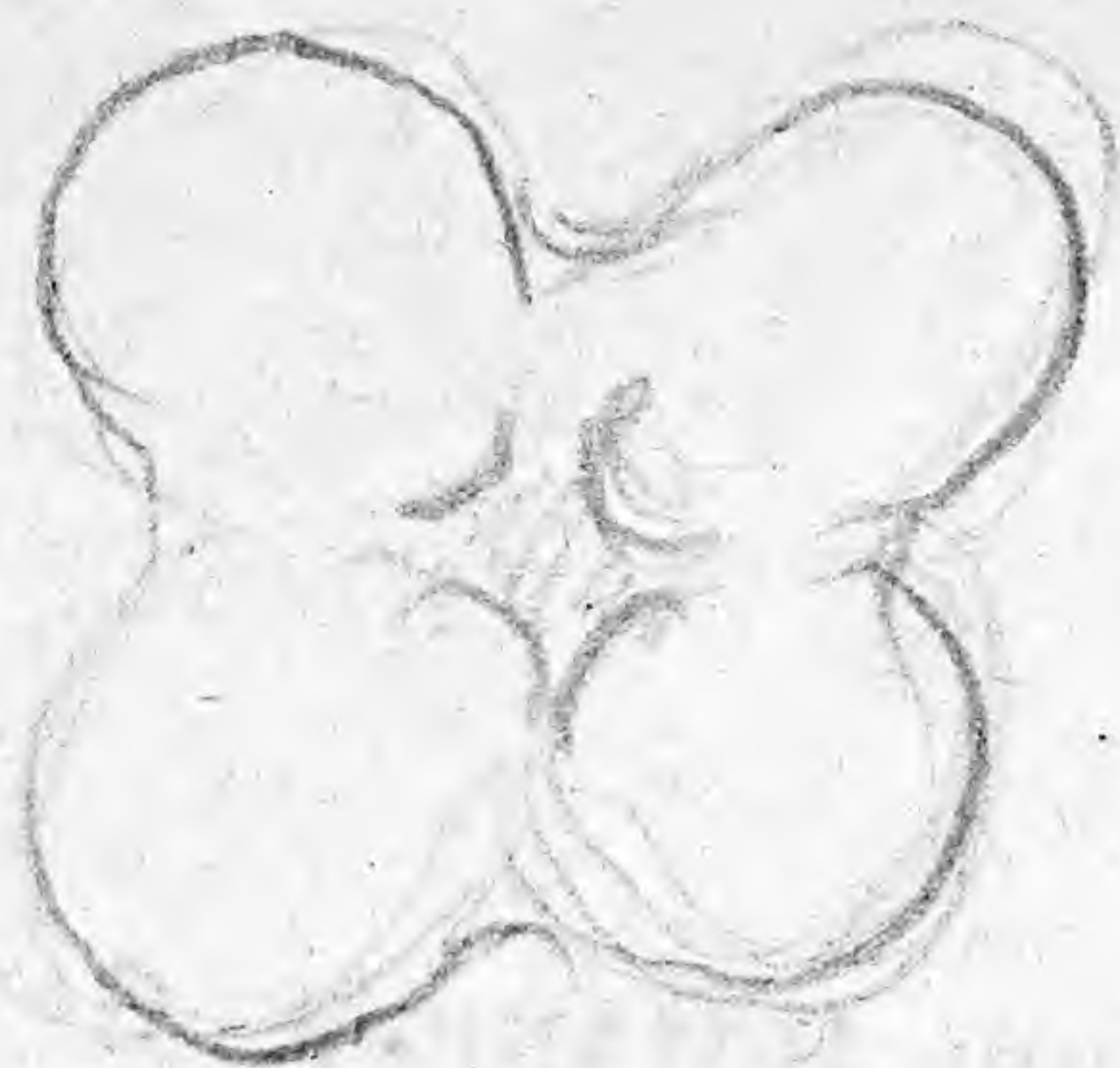
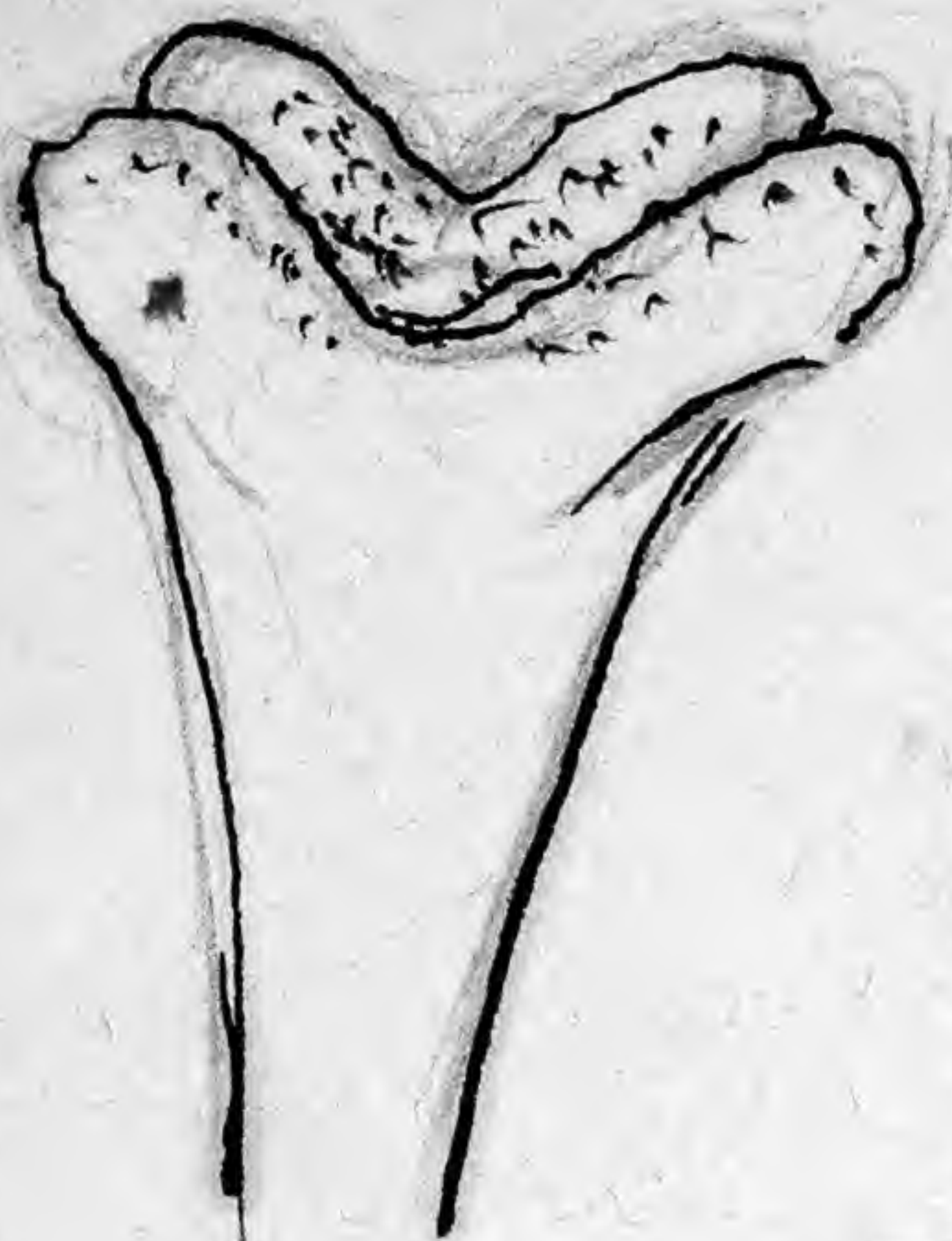
Hook fil Fl. Tasmaniae 1857 p. 278; C. australis

Caulis filiformis, racemis dense congestis 4-8 floris, calyce brevi profunde 4-  
 lobis, corolla subcampanulata glandulis linearibus notata; filamentis  
 dilatatis, squamis late oblongis obtusis fimbriatis basi membranacea  
 brevissima adhaerentibus, stylis 2 stig caput.



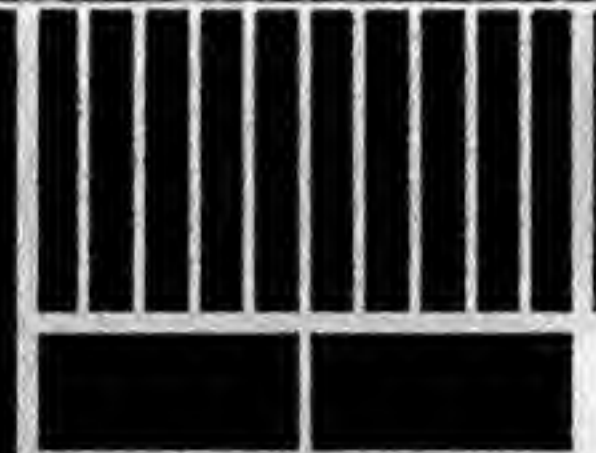


17  
7 59



top of stigma  
probable!

half grown  
capsule



0 1 2 3 4 5 6 7 8 9 10

cm

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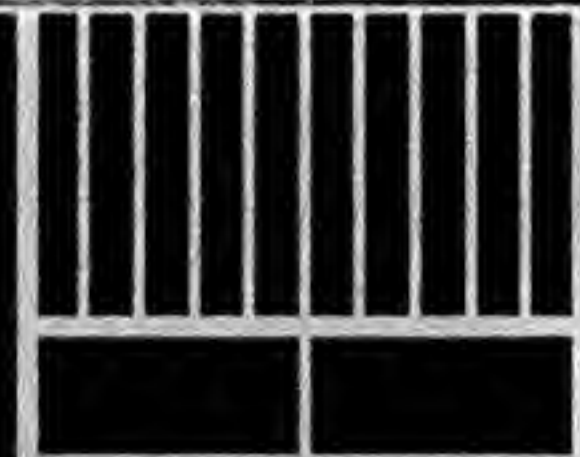
74

ALEX. LEITCH,

APOTHECARY & PHARMACEUTIST,

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

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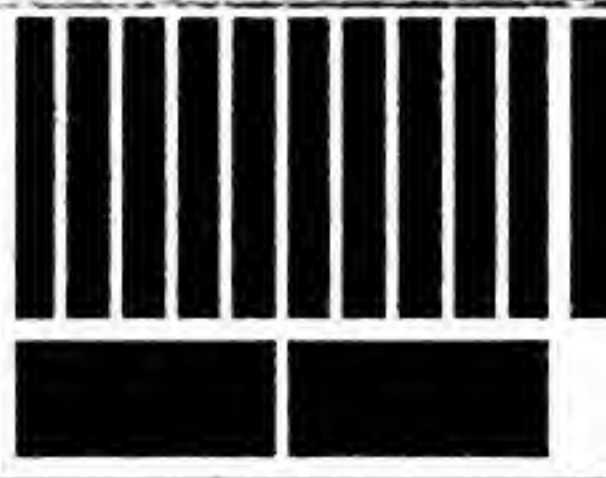
Case pag. 512  
II Grammita

7 Lobostigma

(Erroneous!)

sp. 67

Enclosed 500-502



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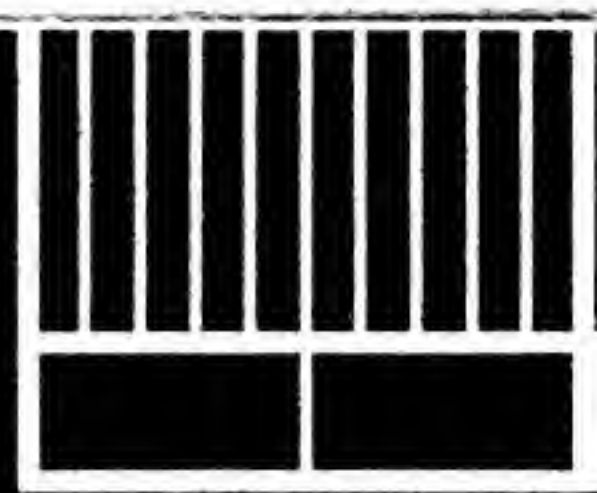


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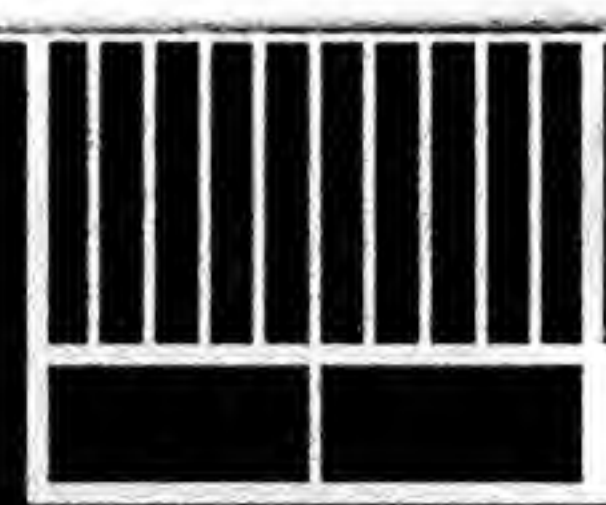
Cusc. p. 509

*II Grammica*

*e Lepidanche*

*sp. 62 - 66*

*Enclosed 503-504*



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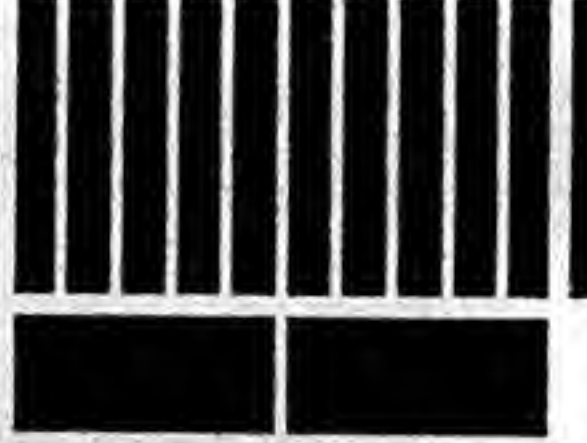
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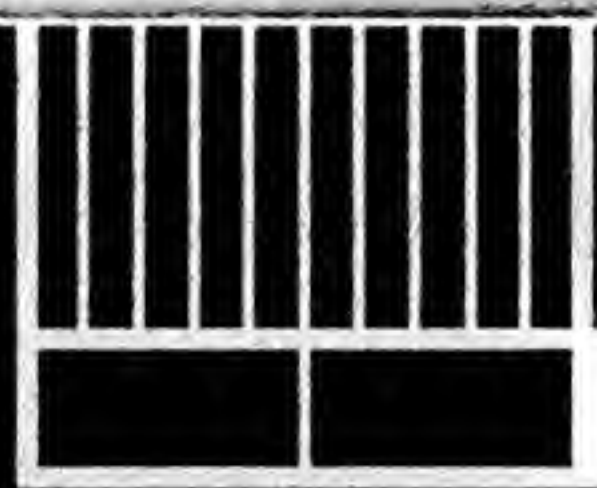


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M.O.B.

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C.B.S.



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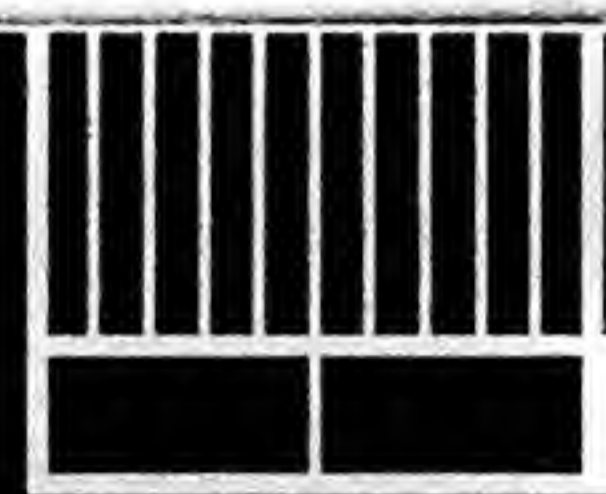
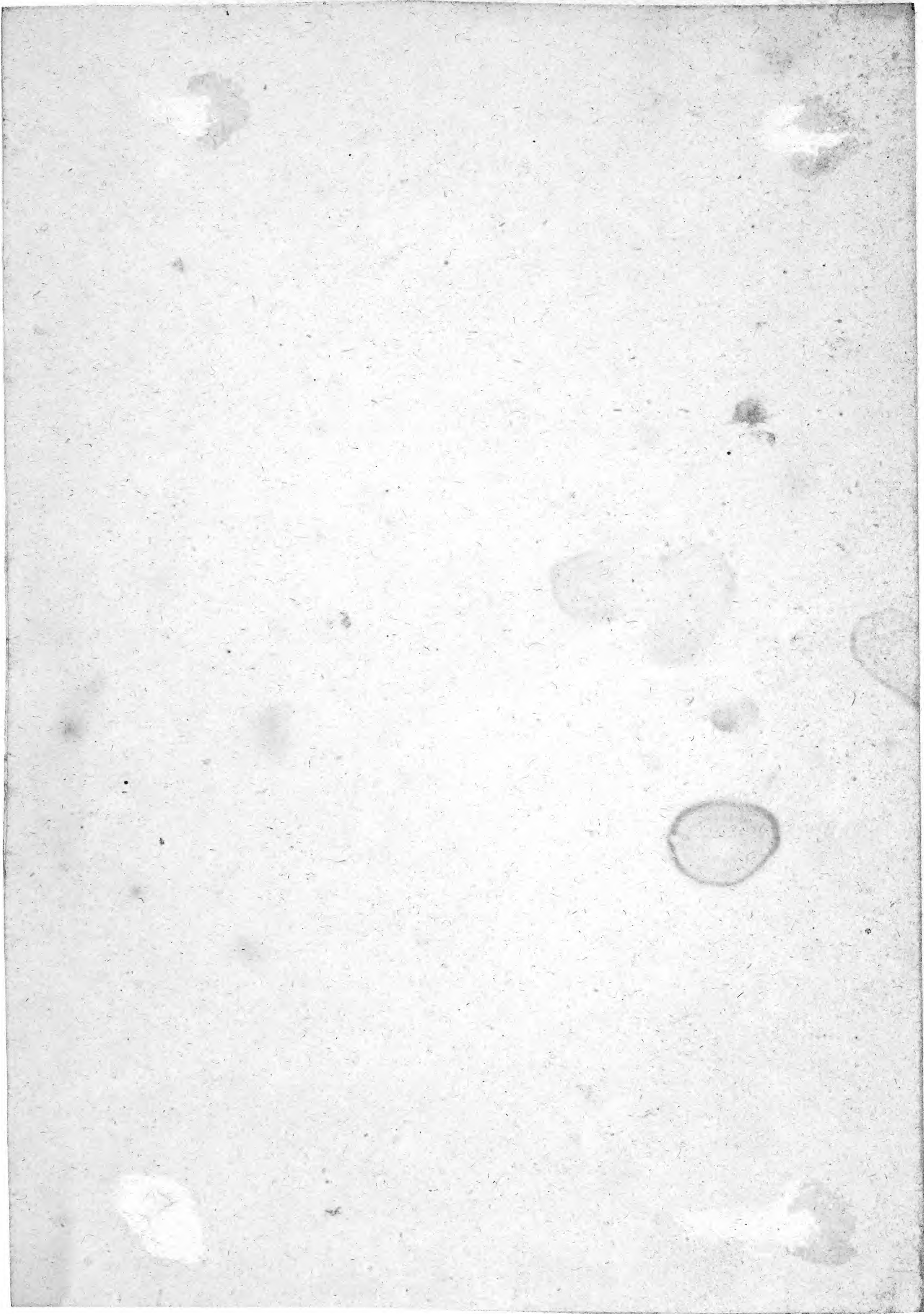
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