



MISSOURI BOTANICAL GARDEN  
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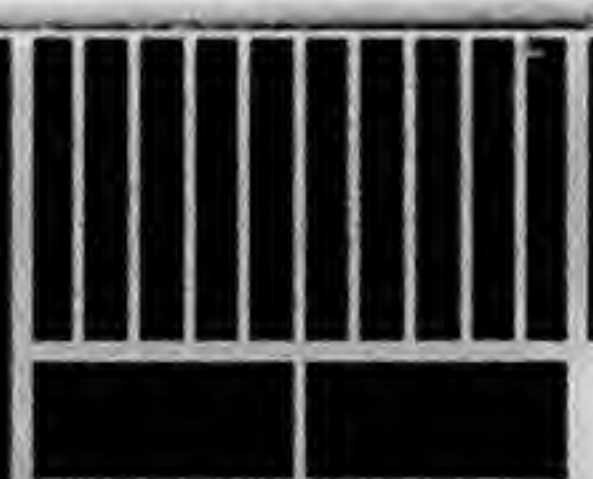
GEORGE ENGELMANN  
BOTANICAL NOTEBOOKS

*Pagination Note:*

*Since many of the items lack a specific page number, the page number displayed online refers to the sequentially created number each item was given upon cataloging the materials.*

Kallianche

*C. reflexa*



0 1 2 3 4 5 6 7 8 9 10

cm

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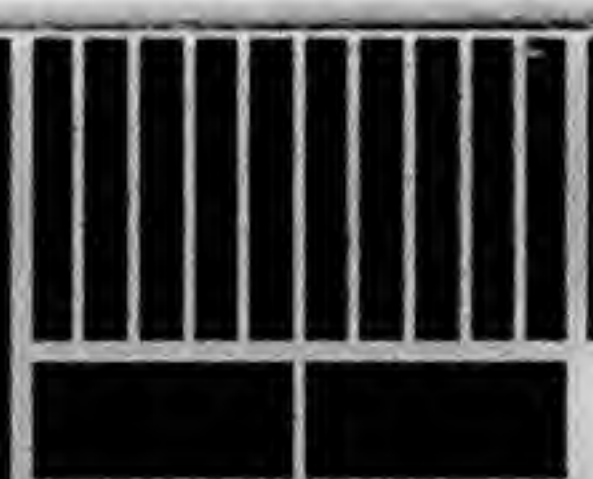



MISSOURI  
BOTANICAL  
GARDEN

4990A

MISSOURI BOTANICAL GARDEN  
GEORGE ENGELMANN

*Dr. Engelmann*  
*W. Stearns*



0 1 2 3 4 5 6 7 8 9 10

cm

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MISSOURI  
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St. Louis Agricultural and Mechanical Association.



Dear Sir:

You have been nominated and  
appointed a Member of an **AWARDING COMMITTEE**,  
for the ..... 1<sup>st</sup> ..... day of our **ANNUAL FAIR**,  
to commence on the 26<sup>th</sup> Sept-1857

It will afford us much pleasure to see you  
on that occasion.

Please inform the undersigned whether  
it will be convenient for you to attend.

Respectfully,

G. O. KALB, Secretary.



0 1 2 3 4 5 6 7 8 9 10

cm

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Caso p. 518

III Monogyna

9 Callianche

sp. 76

(Enclosed 547-562)



0 1 2 3 4 5 6 7 8 9 10

cm

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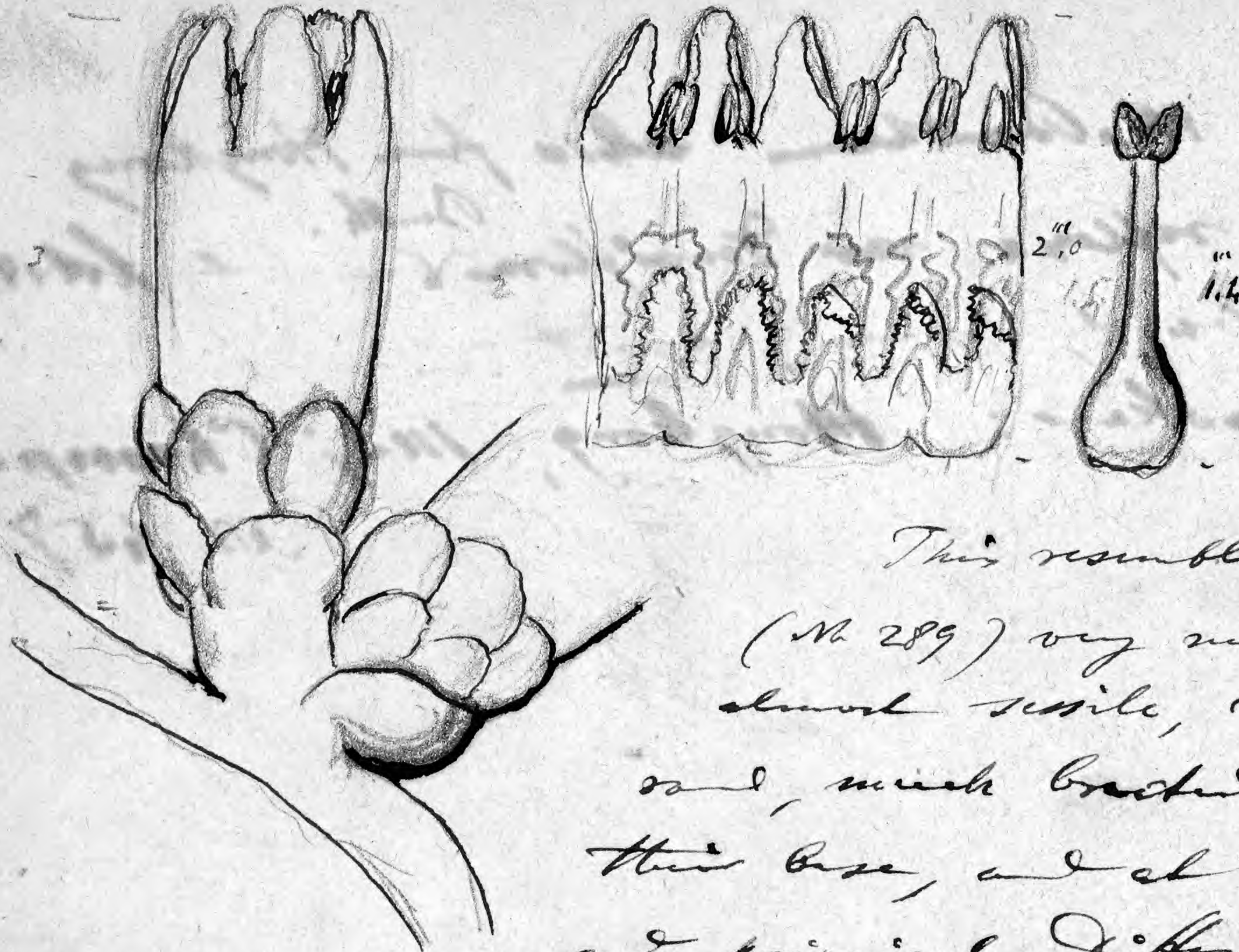
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Paris July 1859

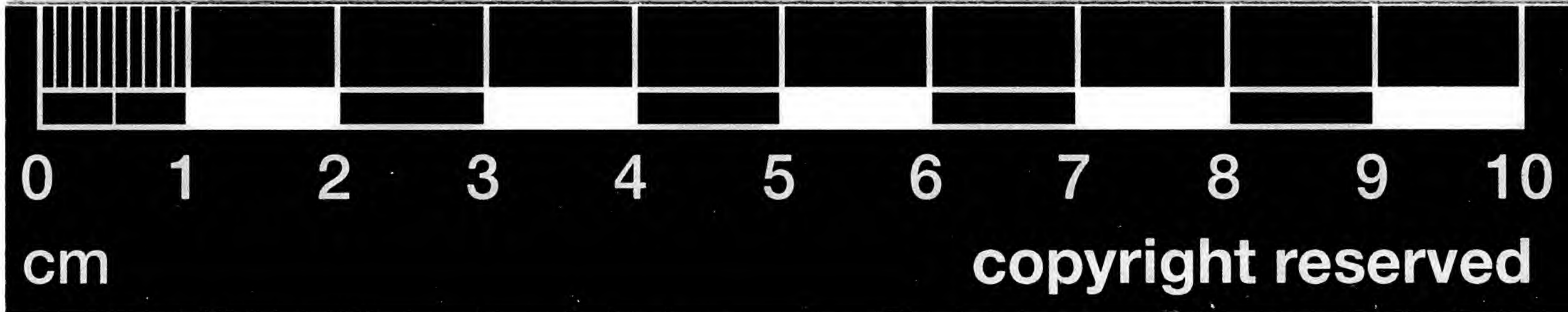
#6. Mus. Paris

Hongkong,

'Abbe' Furet  
1855



This resembles the last, from Peking,  
 (No. 289) very much, but flowers  
 almost sessile, calyx lobes shorter thicker,  
 and much bracted, anthers adnate towards  
 their base, and at the base itself —  
 a principal difference: very short  
 ovine stigmata. These two species  
 seem to unite *Kallianche* and *Monogyne*. It does not  
 seem that the ~~distinction~~ is immediately decisive but it



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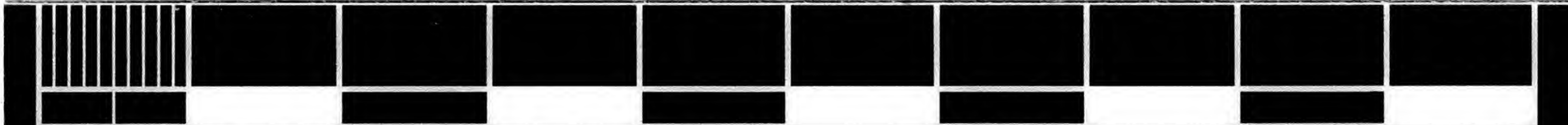
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at least ~~of~~ <sup>the</sup> top of the young capsule  
covers the

Same plant in Hb. ~~Benth.~~ <sup>Benth.</sup> also from Hongkong  
under the name, *C. reflexa* var *densiflora* V. - *be* *edithae*  
scarcely ever reflexa, mostly erect.

Same in Hb. Hooker; Hongkong, Maj. Champion  
n 457

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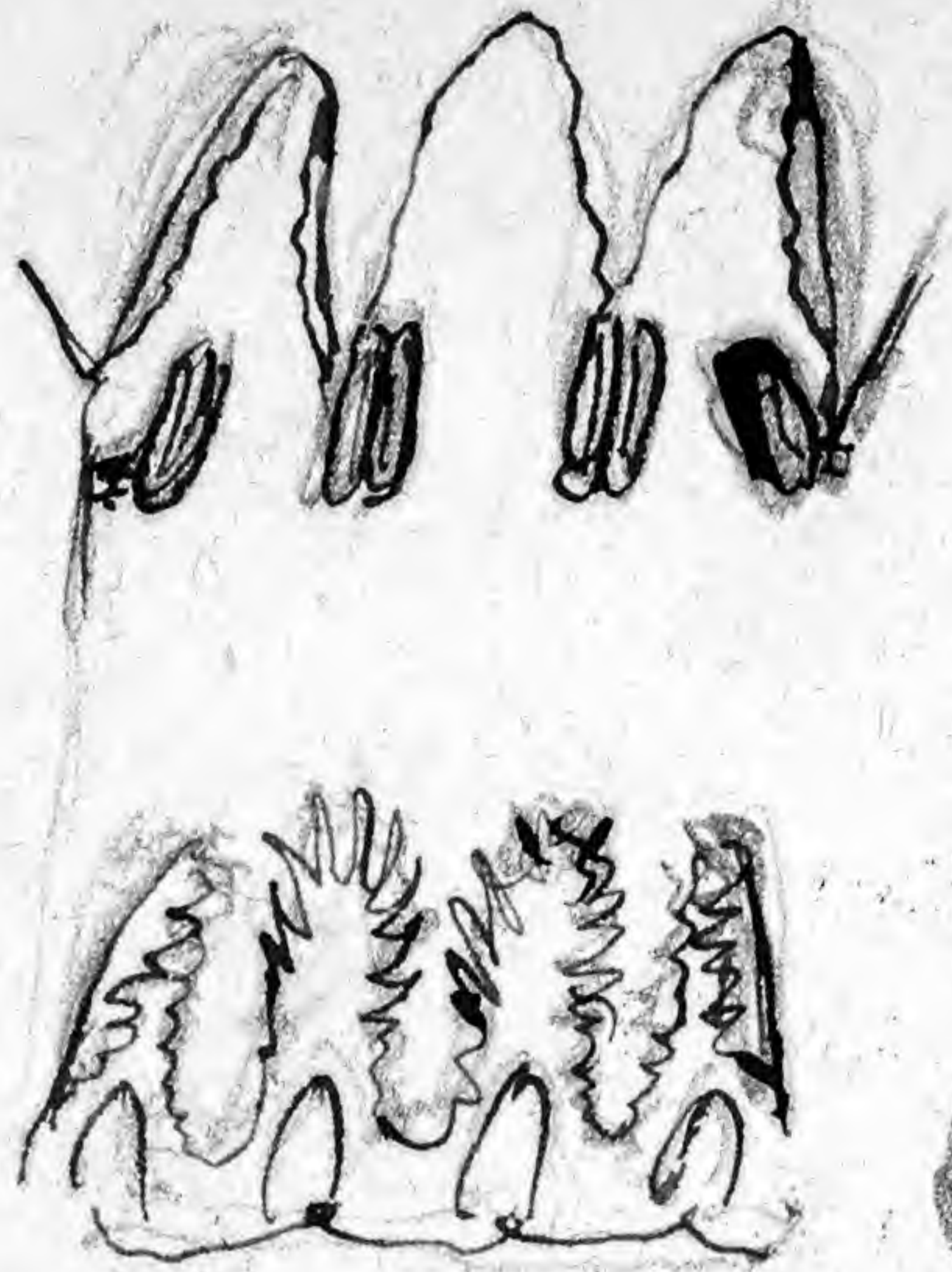
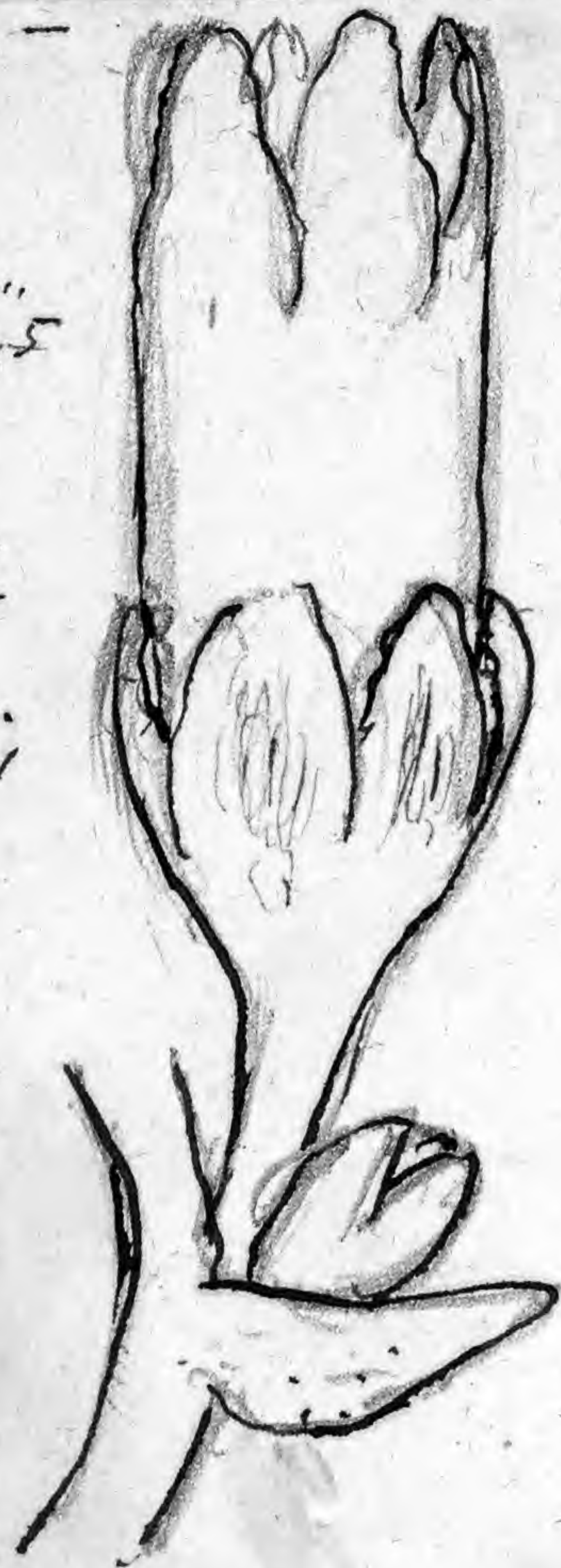
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289

Pekin July 1857



*Cucurbita*

Pekin. China

Fischer

1.5  
2.6  
1.1  
1.1

This approaches very near  
the Afghan form of *Monogyne*  
but the staminate indicates it  
a *Kellianche*; texture of calyx  
thin — of flower also, decurrent filaments  
not visible — filaments very short, adnate  
a little below the division of the corolla lobes  
scaly like those of the other *Kellianche*  
*speciosa*; ovary tapering into a long style; stigma  
long, subulate. — flower in habit resembles *Cucurbita Lehmanniana*



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cm

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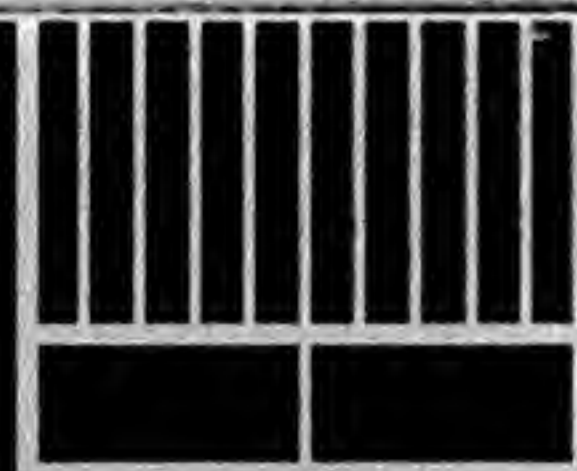
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Japan - var  
C. coloratus Max!

Peking

(Enclosed 543-545)



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cm

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# Monogyne

Texana 96

caspytoidea 108

Vahliaana = astyle ?

Ripuliformis

~~brachyandra~~

Caucasica !

Texas

capensis

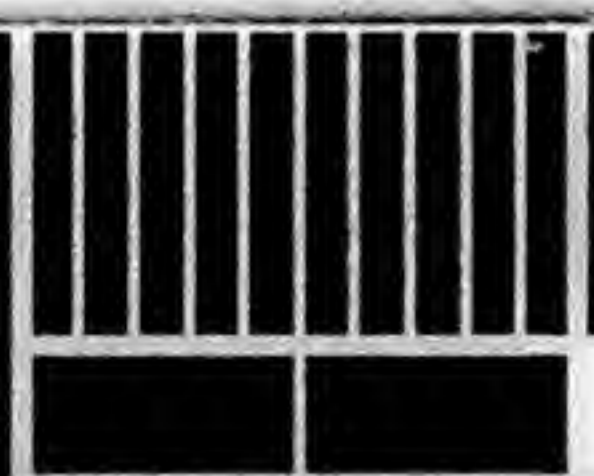
australis

borealis

caucasica

Affghana

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*[Faint handwritten notes, possibly including "V", "C", "f"]*



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cm

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1798 M. Vahliaea Desm.  
C. monogyra Vahl, & Auct.  
C. aslyfa Engelm. ex part.

Provincia, Rumelia  
Caucasus, 222

Affghanistan 217 219

Persia 223

Rumelia

tubo cor. incluso,

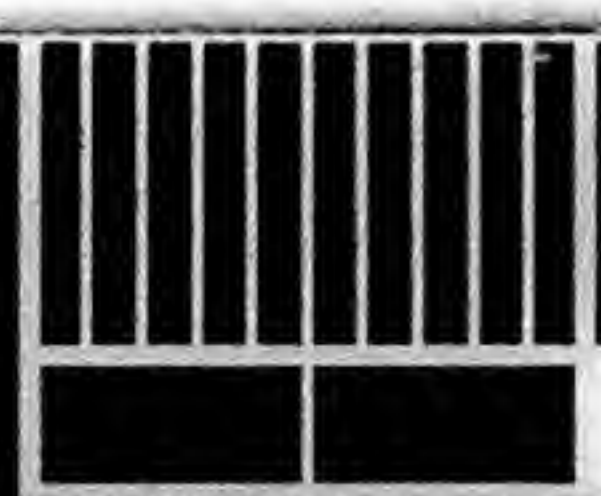
labiis brevibus ovatis retundatis

antheris uniformi ovatis

style ovario multo brevioribus

stigma <sup>capitata</sup> bilobis

Caps. 2-5 l' 2-4 sem.



0 1 2 3 4 5 6 7 8 9 10

cm

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*Cuscuta colorans* Maxim Primul. Flor.

Annus in nota ad *C. systylam*

*C.* (Monostylis) caule funiculari floribus breviter  
sub paniculatis pedunculatis, calycis segmentis  
depresso-rotundatis, corolla calycem triplo  
superante 5 dentata, dentibus erectis rotundato-  
ovalibus obtusis; antheris inter lobos corollae  
margini insertis sessilibus oblongis,  
stylis ovalitis, stigmatibus in clavum ovalem  
connatis, ovario ramoso (materiam later  
colorante repleto)

versimiliter *C. monogyna* Choisy quoad  
plantam mongol. chin. Specim. *C. monogynae*  
Brunze e China in hb. Acad. Petrop. servatum pessimum  
fl. subnullis. Affinis *C. systylae* Maxim q. *C. monogyna*  
Wahl



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*C. colorans*

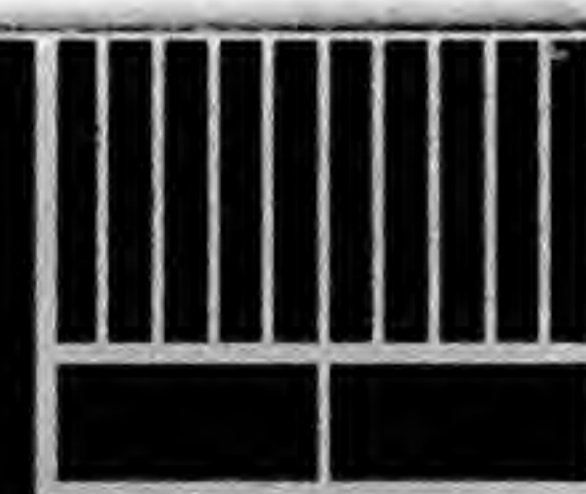


Pekin  
H. H. D. Petersh.



flor. paniculat  
subsessil

what is the difference  
over reflexa?



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cm

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4995

colony h

has stigmata more ob  
cylindrical



flowers more  
pedicelled

cm

0  
1  
2  
3  
4  
5  
6  
7  
8  
9  
10



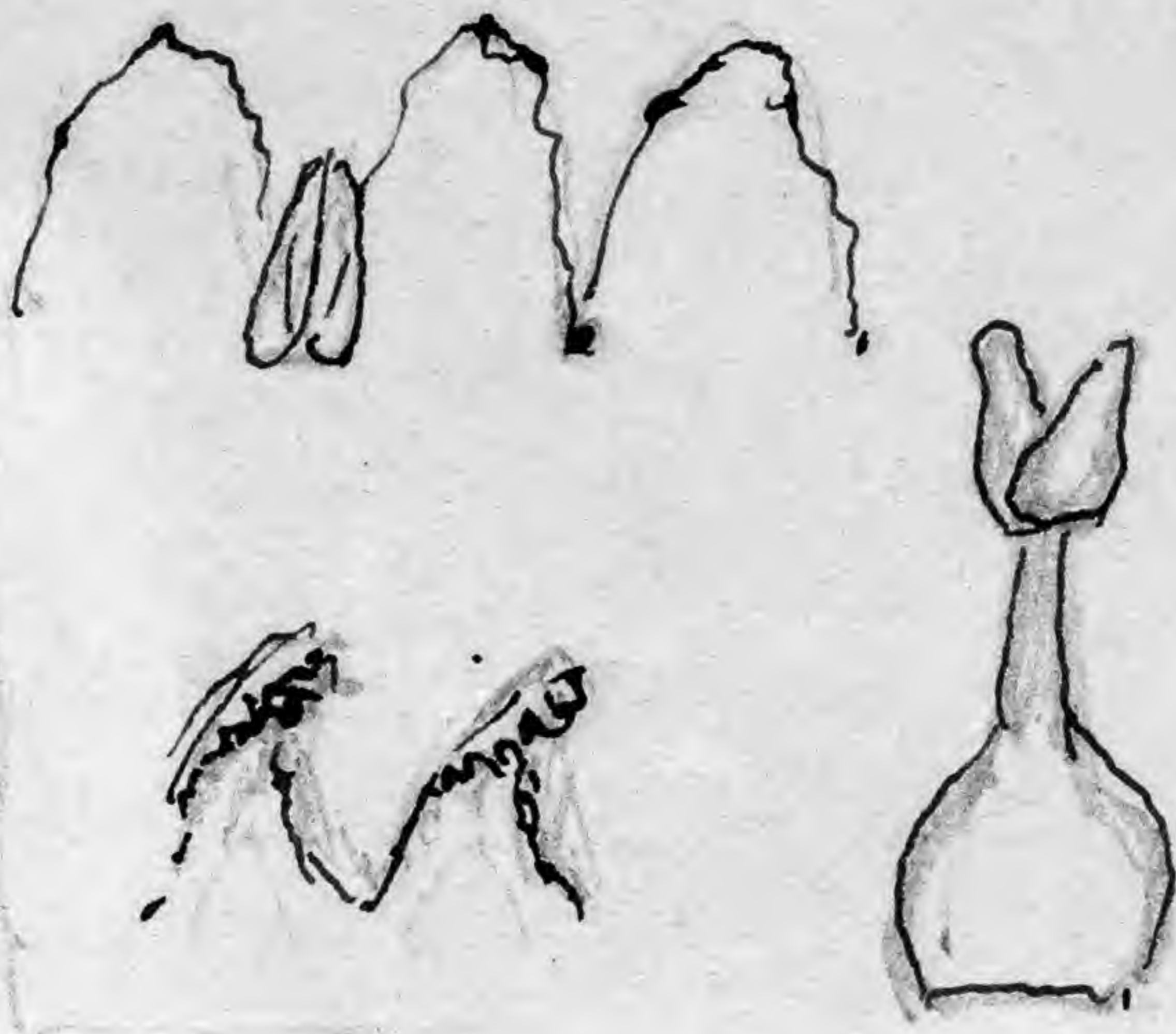
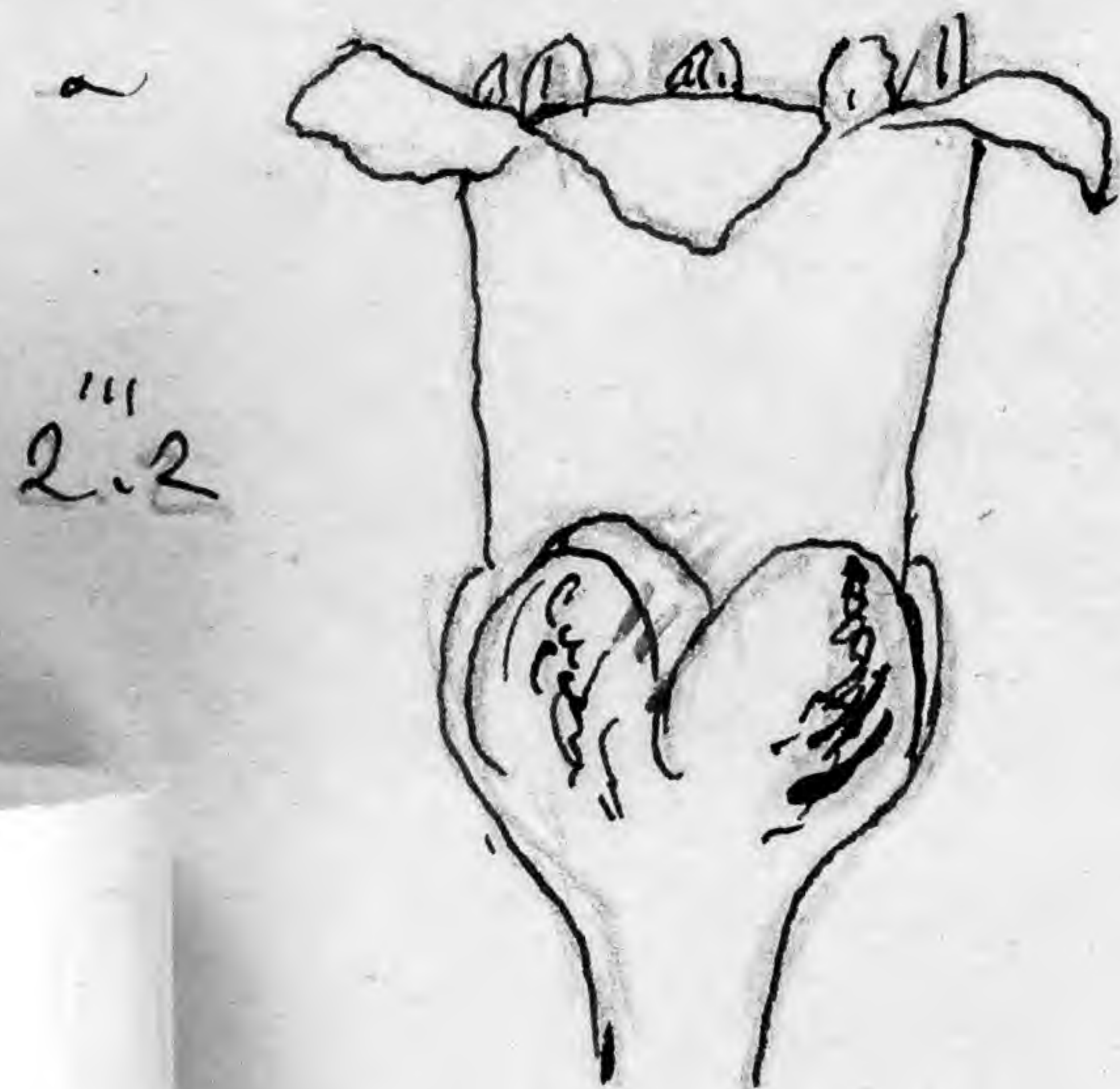
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Oct. 1859

Pekin, Kirilow.

Hb. Fischer  
(H. B. Petrov)



more of  
cylind  
more  
edgull



0 1 2 3 4 5 6 7 8 9 10

cm

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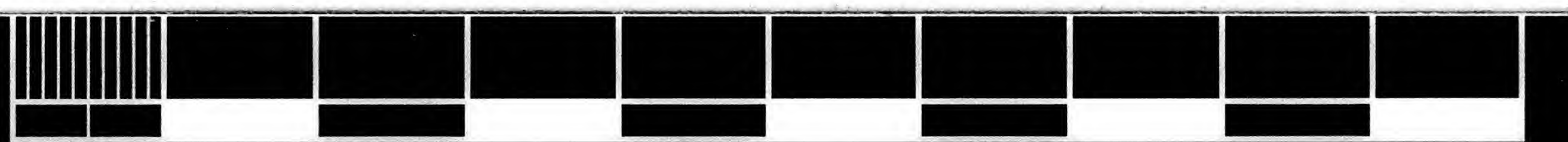
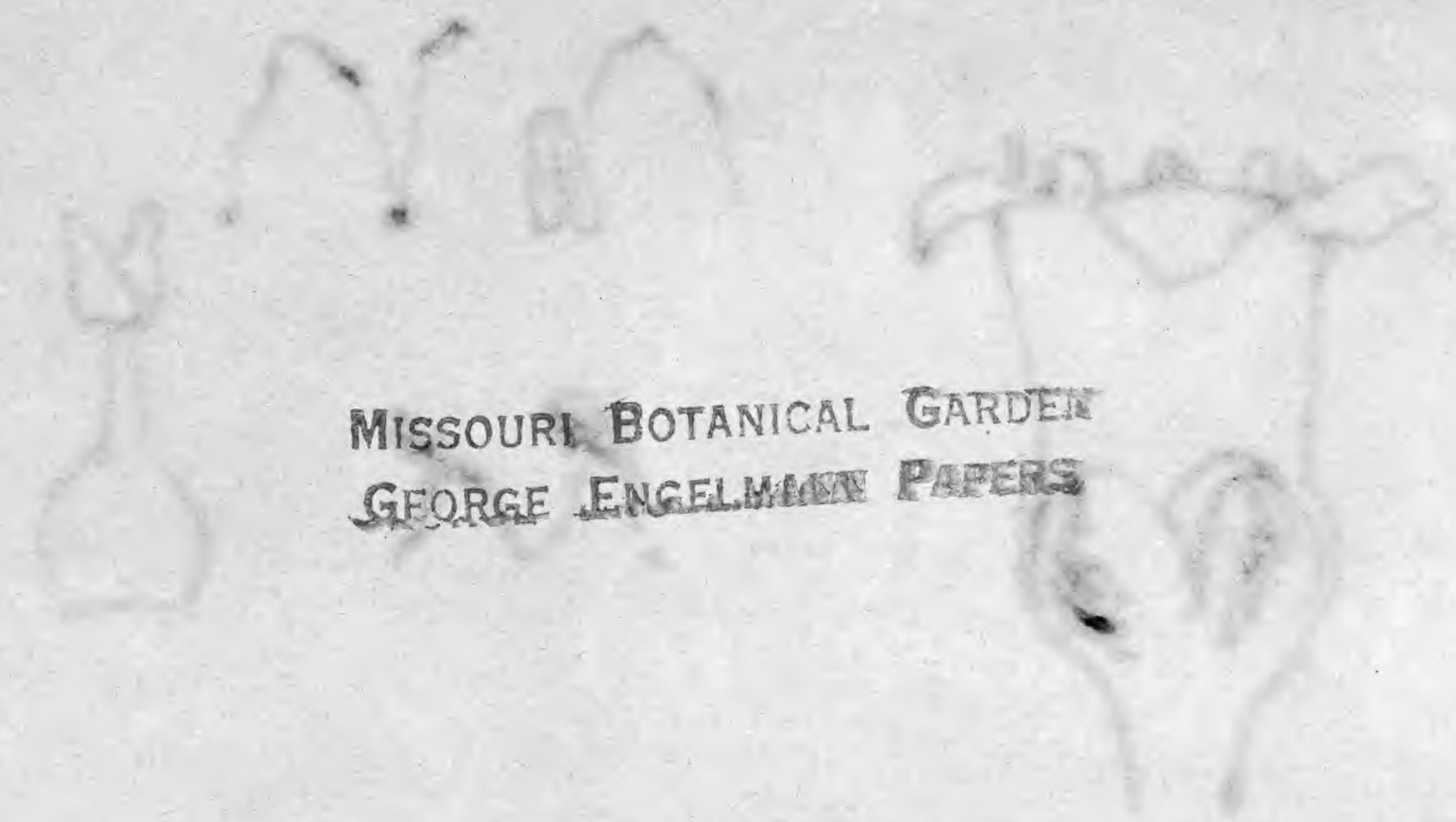


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4996

**ALEX. LEITCH,**  
**APOTHECARY & PHARMACEUTIST,**  
Marble Building, Cor. Fourth & Olive Sts., St. Louis, Mo.

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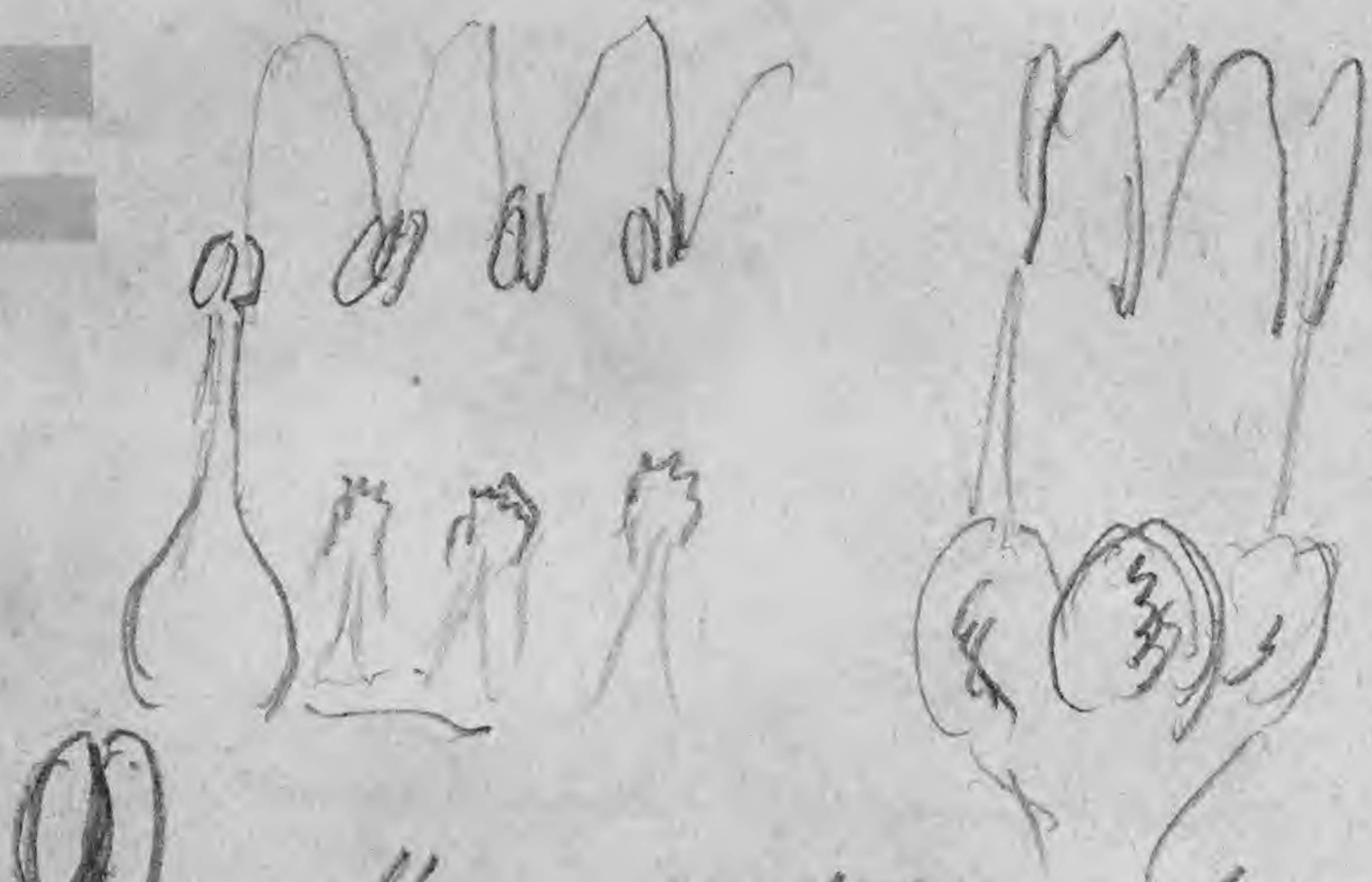
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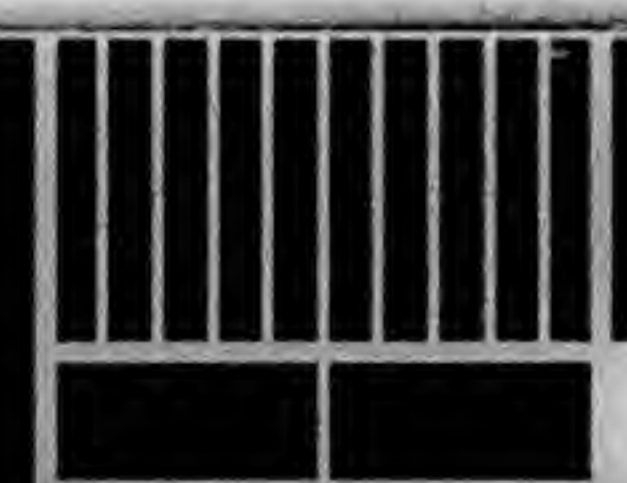
Missouri

*C. systyle* M.

only 4 cristat



anther ovate ad faucem sessil  
 squam. pars. medio tubo affixis  
 styl. subulato ovar aequat  
 stam. superante, over



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cm

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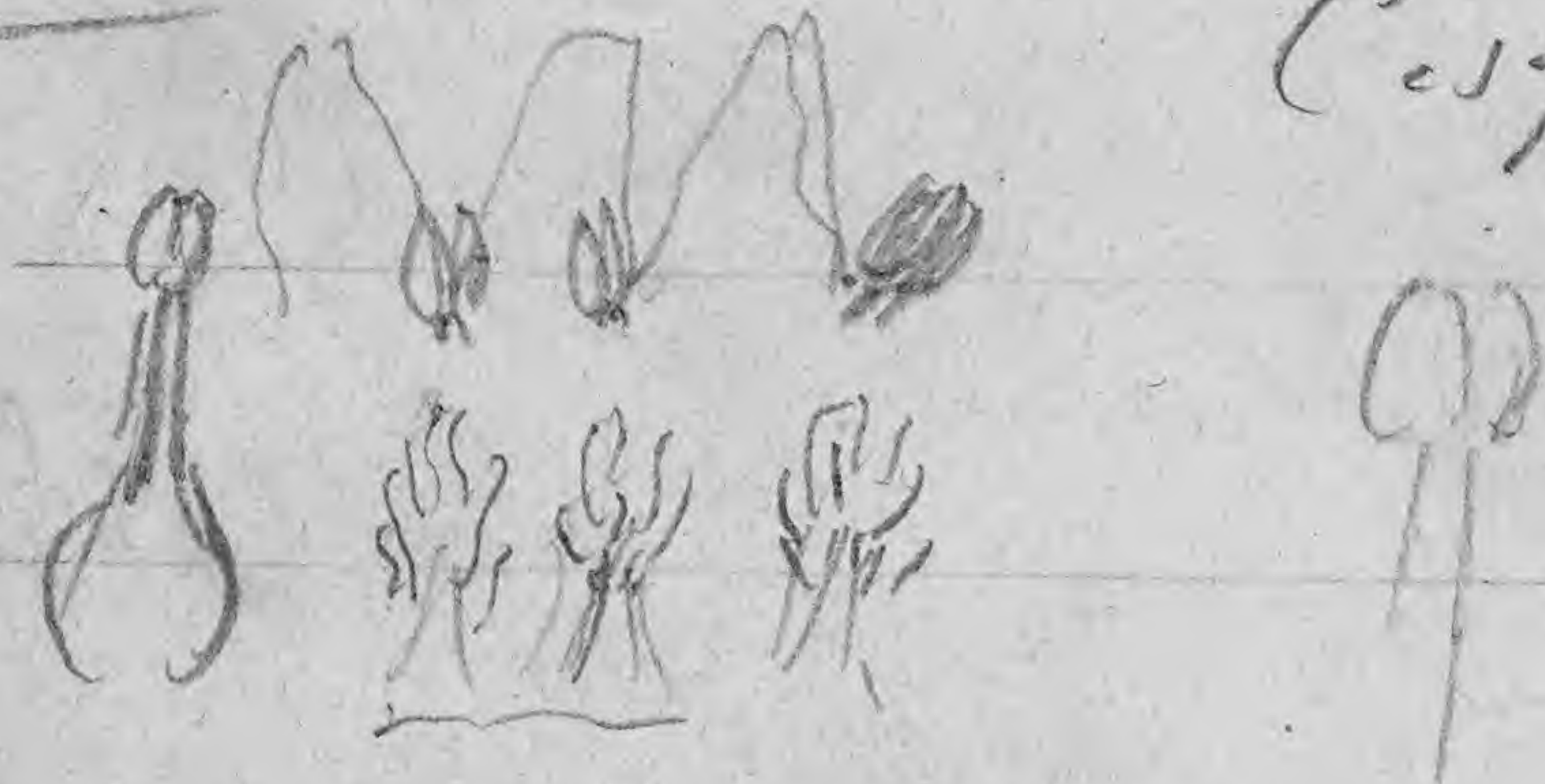


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verte

Caryotype

4997



Amur

very similar to

the other — only scales a little  
 larger, corolla more deeply  
 divided. anthers with very  
 short filaments, perhaps below the  
 base.

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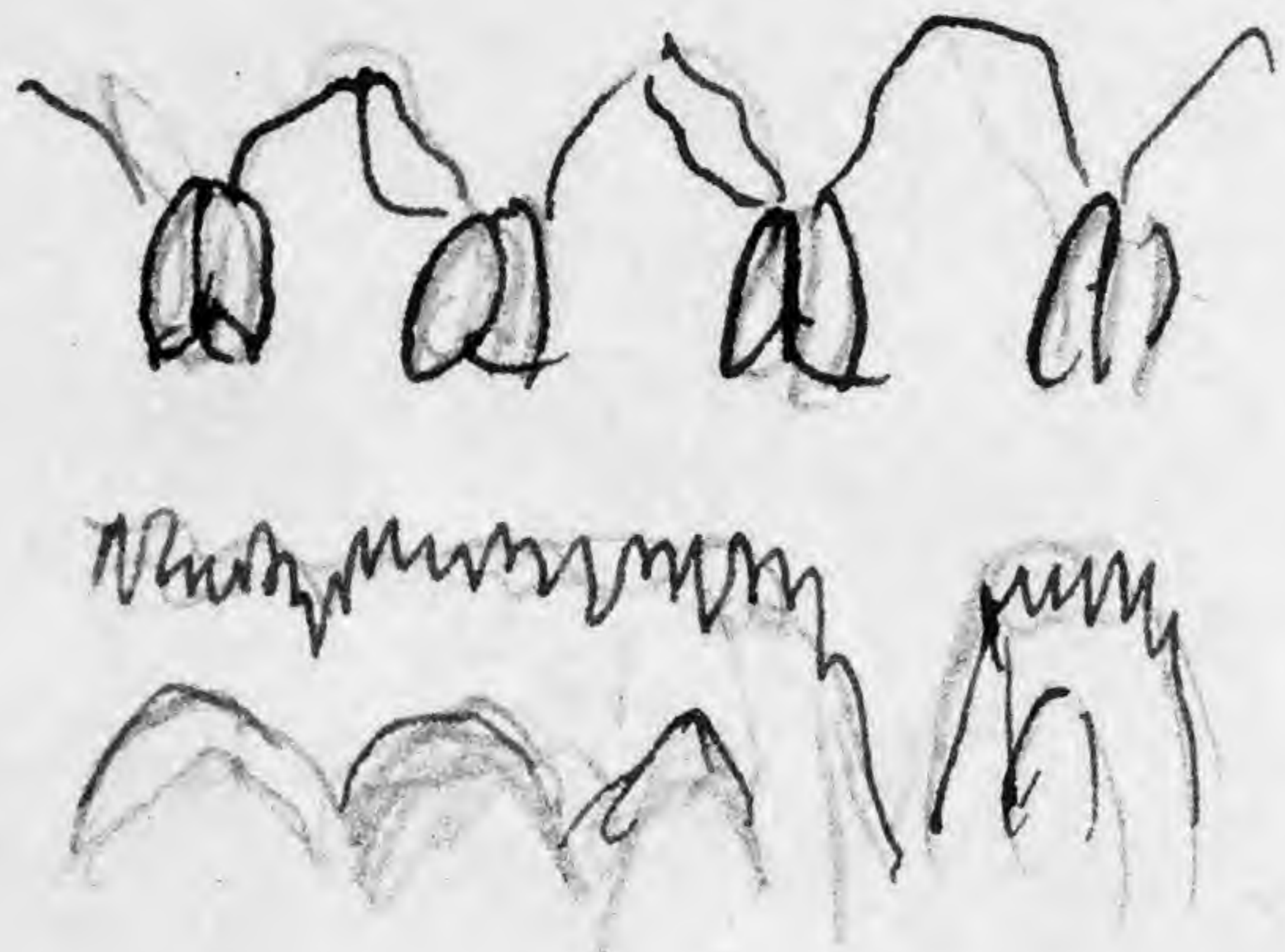
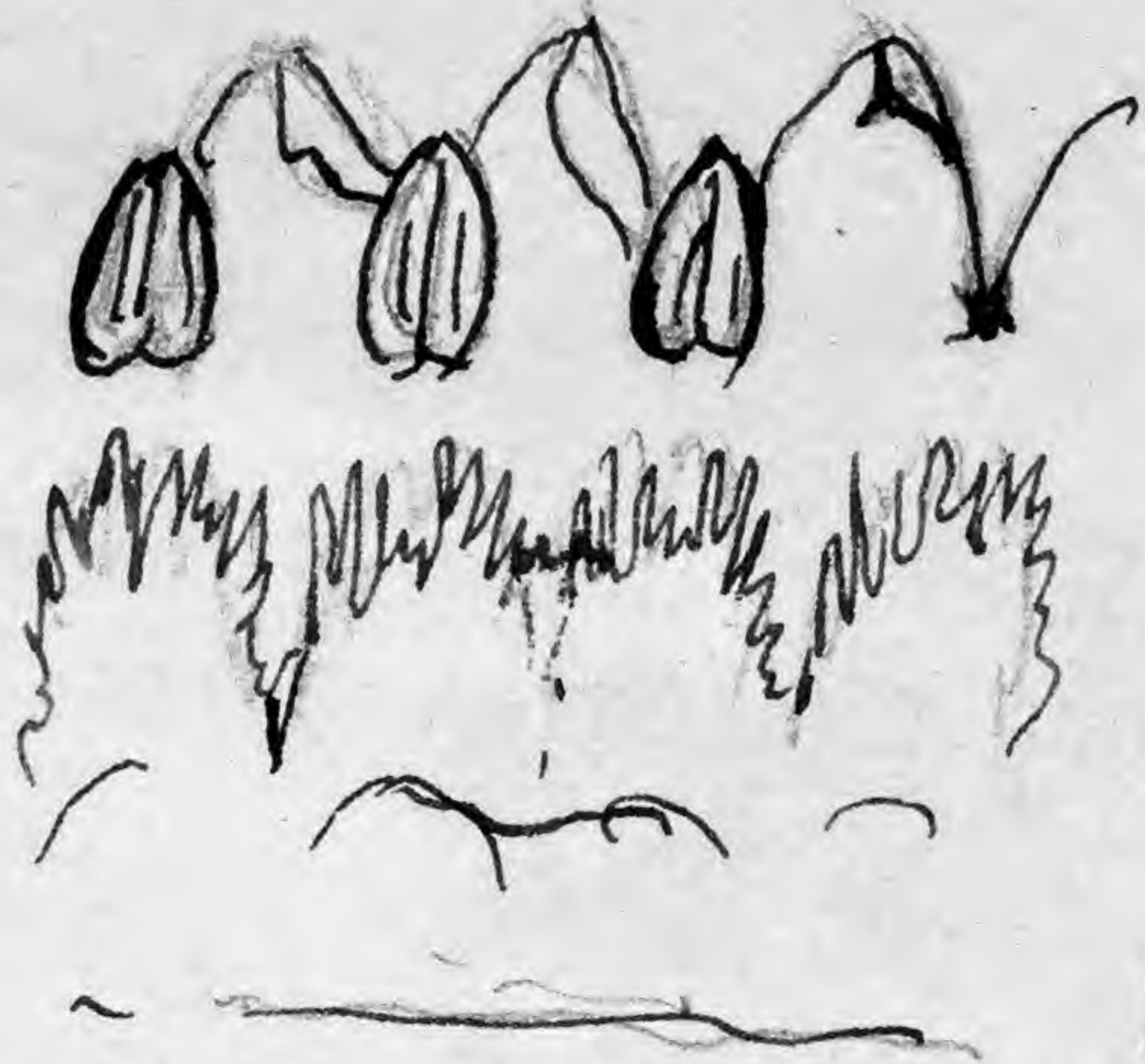
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233



scales of ovary

Hong Kong Ch' Wright 486

*parvistyle*  
*dispermistyle*

anther ovate adfused  
semiter



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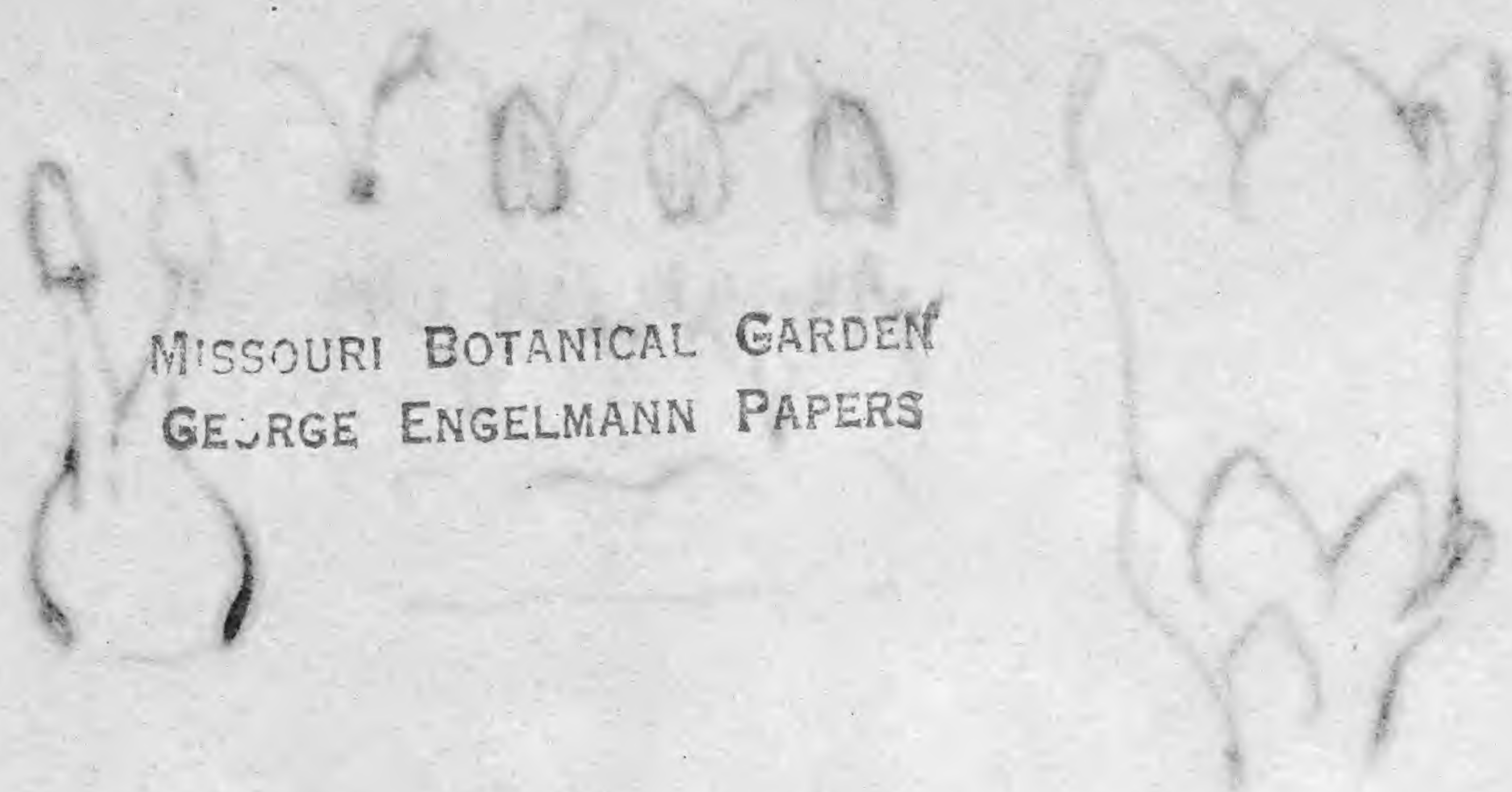
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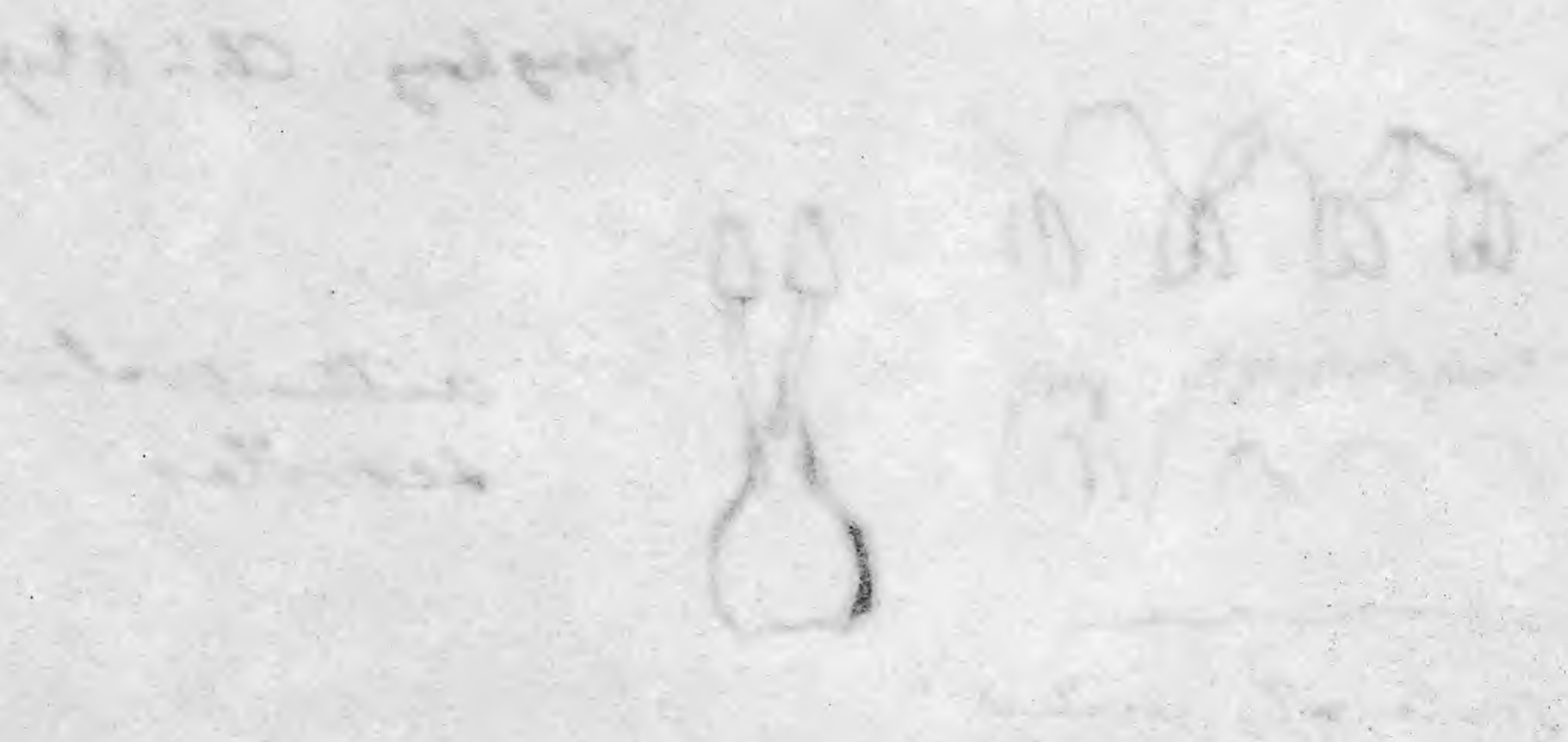


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(*C. verrucosa* Sweet fl. g. t. 6 (coll 1822)  
*C. Hookeri* Sweet hort. br. p. 290.  
*C. reflexa* var *verrucosa* Hook fl.  
exch. II. t. 150

*reflexa* Roxb. *Corom. II. No 104* Fl. ind.  
(DC. P. IX. 454) I. 446

*macrantha* Don gen. syst. IV. 305

*elatior* Chryz *Curr. 177* DC. P. IX. 455

*grandiflora* Willd. Cat. N. 1318. w. HBK

*angustata* Edgew. *Transact. Linn Soc. XX. 86*

Chryz - N. Zoll. doubts whether  
*refl.*, *ang.* & *macranth.*  
are distinct



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4999

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auth. tab.

~~Sameram Dingle Jacquem 149~~

M Ceylon Gardner 616

M Himalaya Shrubby & W. tab. 1 & 2 (5500')

M ~~Himalaya~~ Himalaya Hook 116

~~Anguina Edg. J. Thomson 680~~

Jacquemont 2183 12000' Himalaya

~~2520 Sakamper~~  
1109 Pearson

Java Zollinger 2839

Sikkim 4-10,000' Hooker fil

Ceylon 6000' Thomson

Hb. Calcutta Wall. 1319.2

Hb. Eding - var. *versuosa*  
Hook fl. exot

Himalaya Lady Delhouse - *Purra*  
Beyen (rolls 5<sup>'''</sup>) *arldemar*

Chittagong (trop)

Ceylon Java 3 Himalaya

Gardner 616. Thomson 2839

Sikkim Hooker fil.

Khasia 2-7000  
reflex Wall. Cal 1319.2

Lady Delhouse  
Hooker fil  
Shrubby & W. 1, 2  
Jacquemont 2183  
1109  
J. Hopkinson

trop & temp



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5000

C. coniculata n. sp.

Brazil, meridional.

Sellow 3621

- hb. Berl

2489 " "

Goyas, Brazilia, Weddell 2124

Herb. Mus. Paris

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Anth. foecia

anguina Edgew. & Thompson, 680  
Jag. 2520, Saharunpore, Himalay

Gandher, 629, Calcutta

reflexa, Edgeworth, 450

pentandra Heyne

(1319. 2. Willd. 3) P. Chet, Dungle  
F. de Silva

Punjab

Himal. Bor 00

Calcutta

trop

Upper Ganges

Silhet Silva, Will 1319.1 Dungle

Saravali Jerg. 149 Dungle

Himalaya (anguina) Edgeworth, 450  
5,600'

H. W. Wright prop. 2320

Saharunpore Jag. 2520

Thompson

Calcutta Gandher

Punjab Thomson

Concan Stocks, - (trop)

reflexa Edgew.



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54

5001

*var. breviflora*

*C. suaveolens*

" Seebler, Plant Chil N. 479.  
Valdivia - Hb. Boiss. & Hb. Berol.

*C. racemosa* var. *minuta* Chois! pro parte

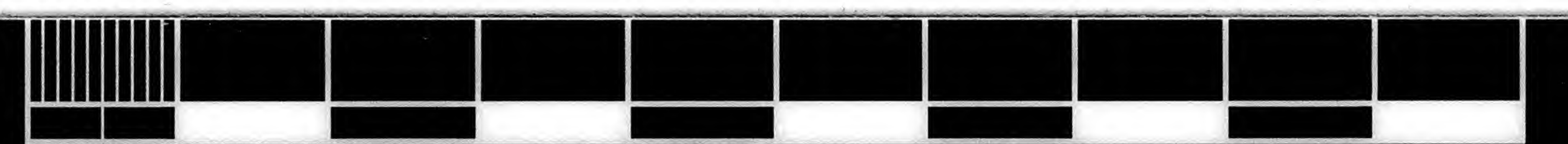
St Paul Brazil, Lindl N. 434  
- Hb. G. authent.  
Brazil, Juhl N. 5100 pro parte.  
Hb. Maddon.

157  
420

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157  
420



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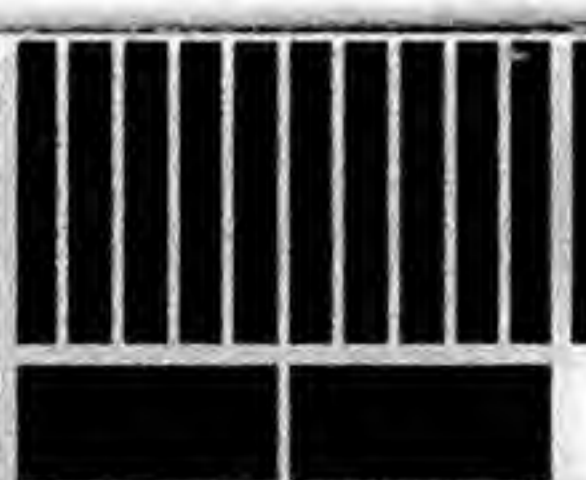


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Japan

style

(enclosed 542)



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Duhumi      Tamiy      Anur      Kila      Delp. Fich.  
 Sangano      Kila      Kila      Kila      Kila  
 Ficker      Ficker      Ficker      Ficker      Ficker  
 Baban      Baban      Baban      Baban      Baban

Sangano 29  
 Baban 1-10-1

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Songora 299

Abutilon

M. lupuli-formis

~~M. lupuli-formis~~

C. lupuli-formis 1787

C. monogyne auct. !  
non Vahl ?

Tubo cor. exserto

lacini ovatis acutiusculis

antheris linearibus  
style ovario bipartito  
stigma lobato  
capitato

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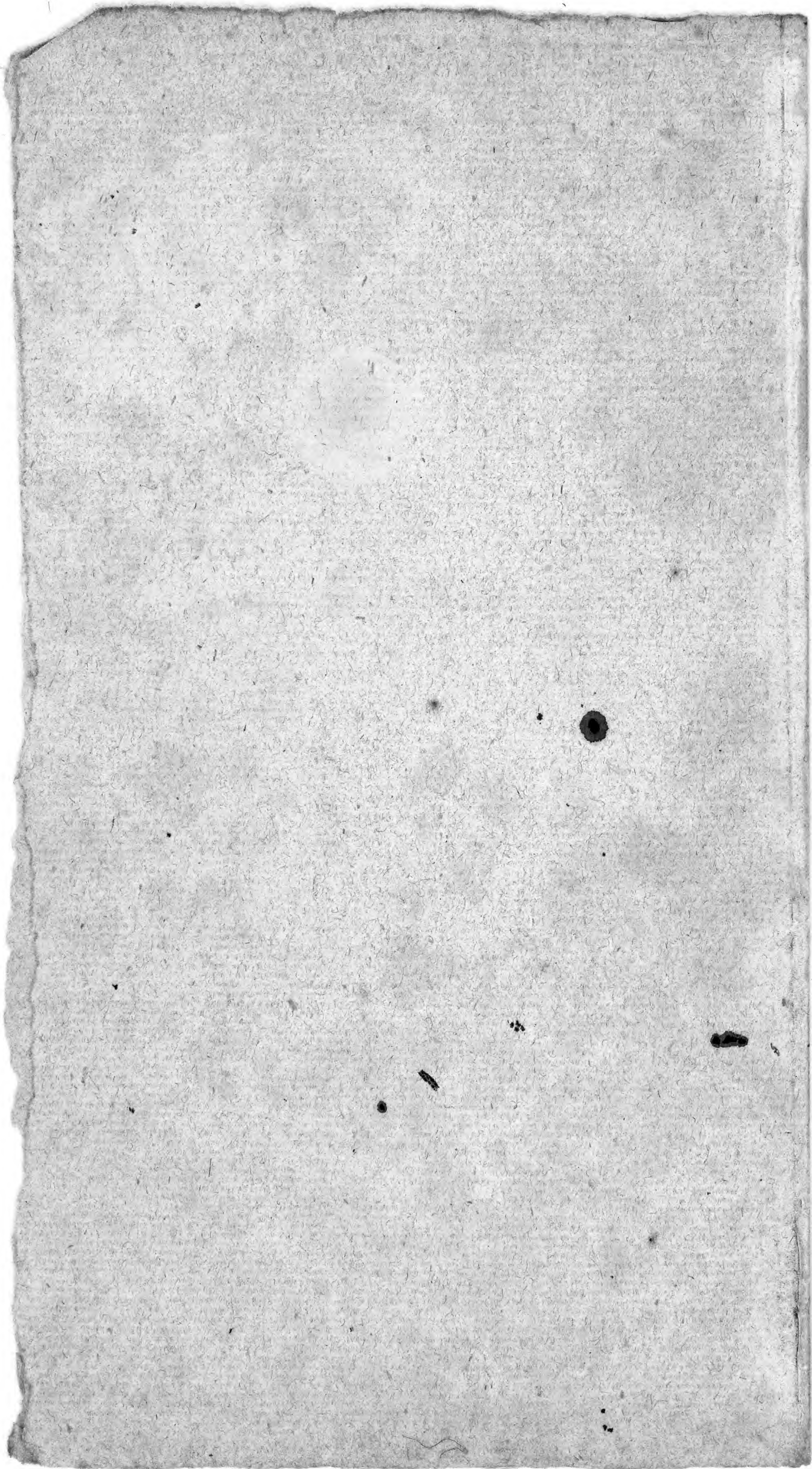
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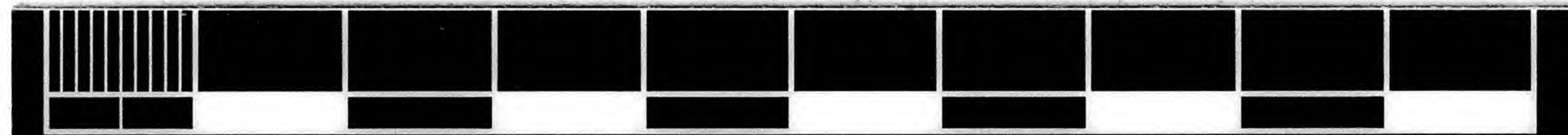
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Japan  
var. dissimile

(Eveland 546)



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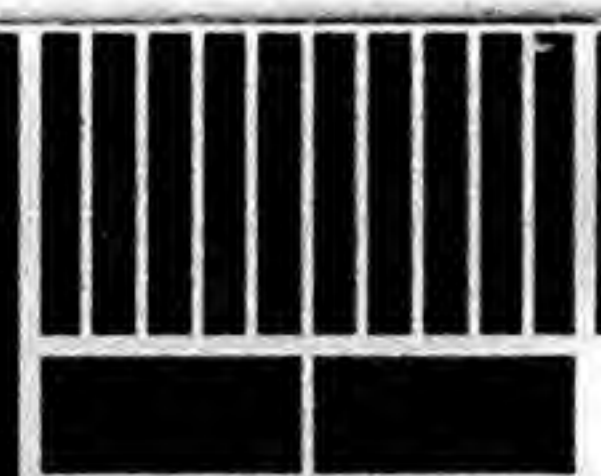
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*Cambria* ~~181, 182, 183, 183, 6~~

~~g. h.~~

~~181, 182, 183, 183, 6~~

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5003

*C. Japonica*

Choris

*C. reflexa*

var densiflora

Beuth!

-hb;

China Japon

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*C. Japonica*

Choi.

~~C. japonica (Hillb.)~~

China Japan

~~longifolia~~

~~recta~~ u. sp.

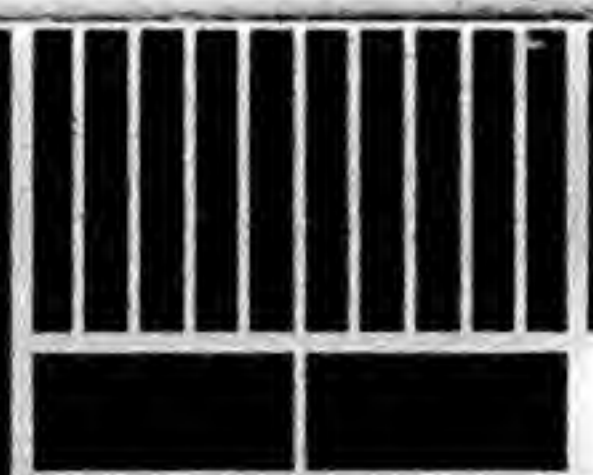
a. macrostigma

b. brachystigma

var.

a. longifolia

b. densifolia



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cm

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