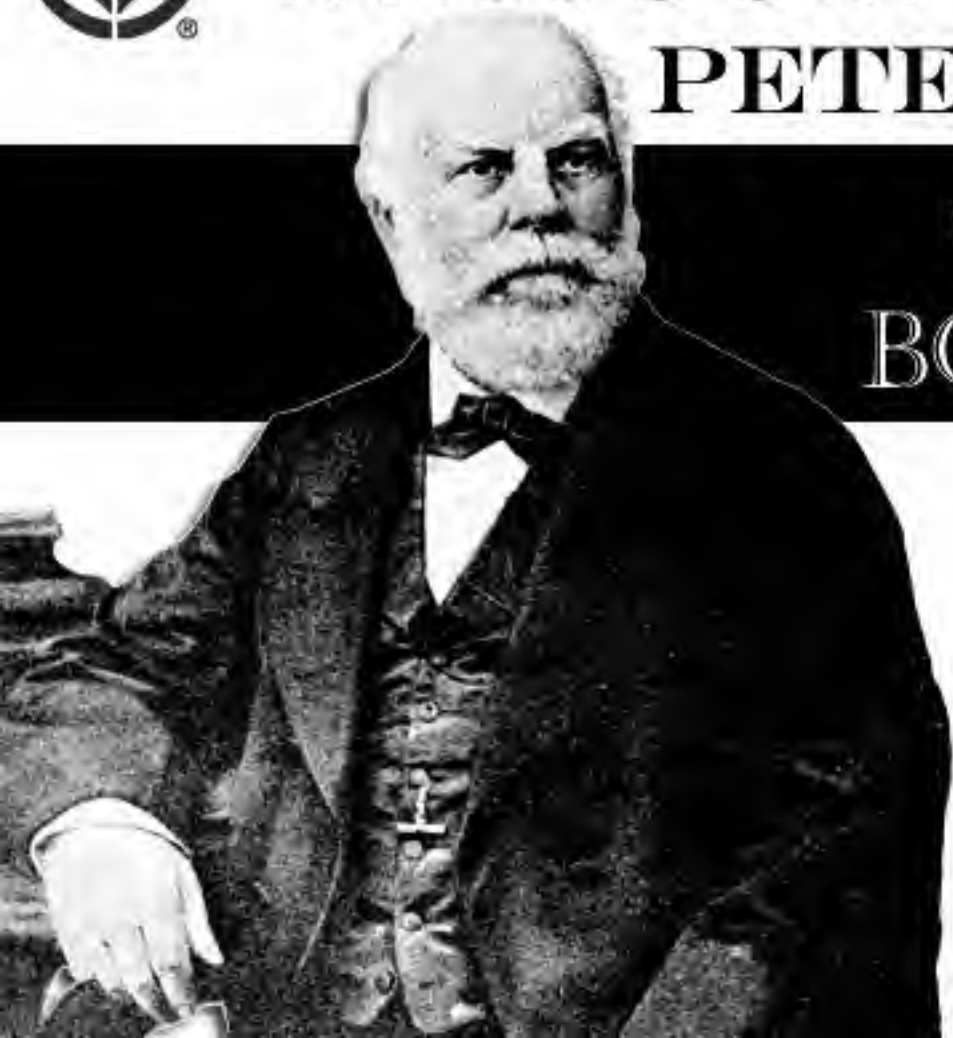




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BOTANICAL NOTEBOOKS

*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.*



71

Cusc pag 514

*Cuscuta monogyna* Vahl  
*C. astyla* Engelm. 1791

Agri-Edisle

France, Ariznoa, Montpellier Beauvais

Russia, Trivaldski (mixed with *C.*)

Amirador, Sibthorp. #6 Jang. Camp

Spain, Bryant, Blanche

Oman, Hohenacker, Prescott,

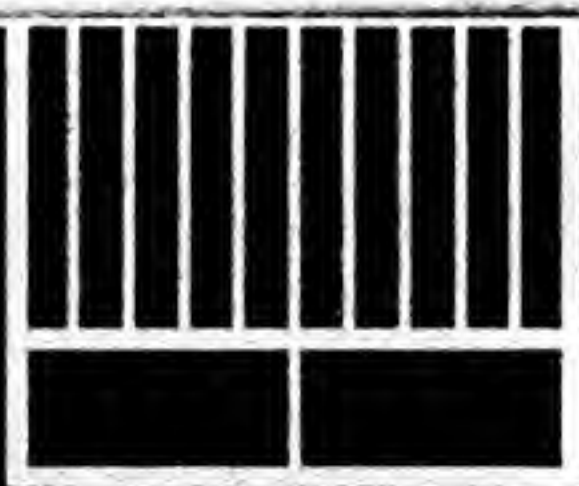
Fischer Turk Koch

Songaria Schrenk - Hb. Herb. Peterb.

Persia Kotschy 713

Affghanistan Griffith 684 fl. longior, style long.  
- - - 682

(Enclosed 518-524)



0 1 2 3 4 5 6 7 8 9 10

cm

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4961

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0 1 2 3 4 5 6 7 8 9 10

cm

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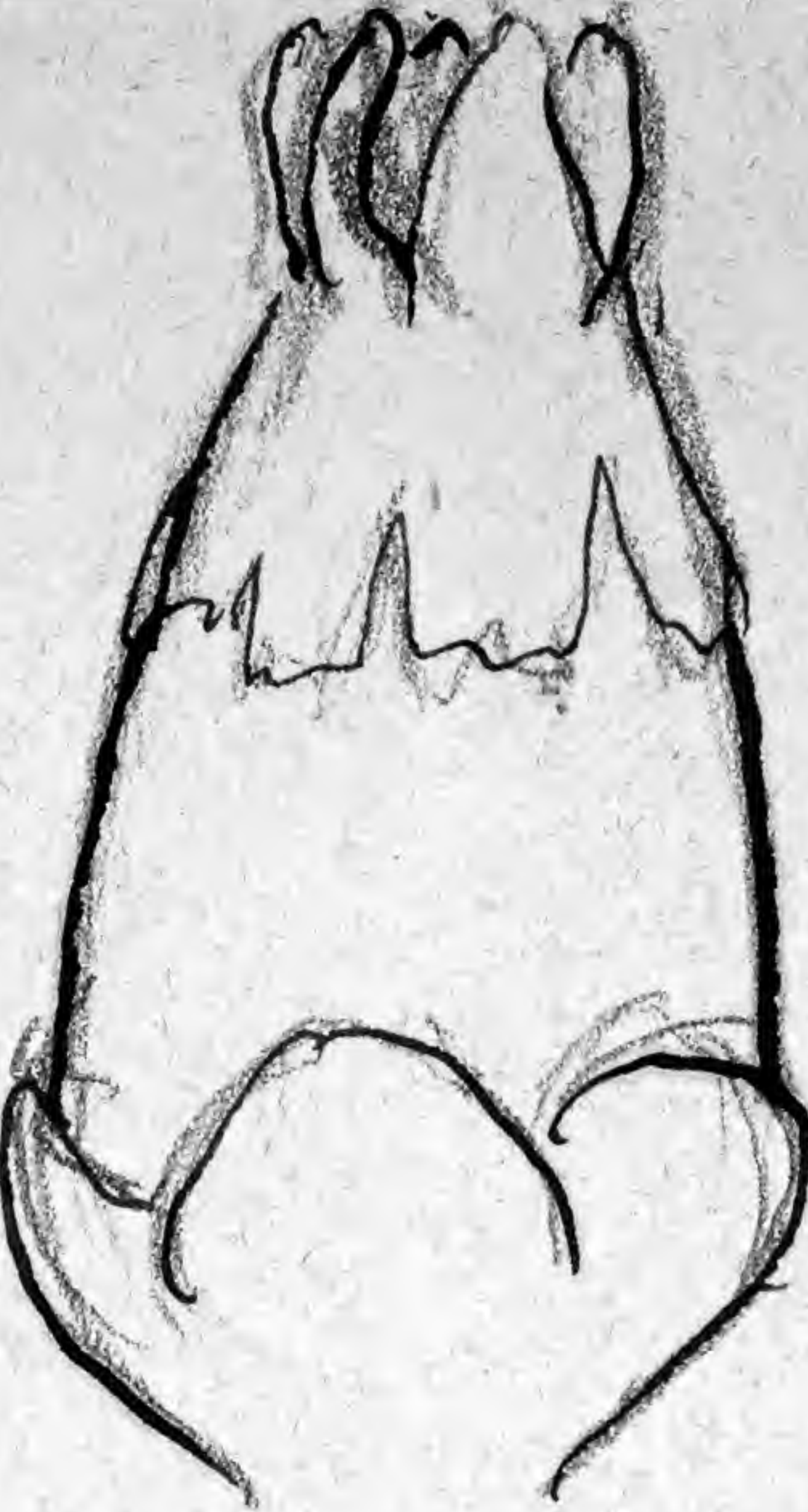
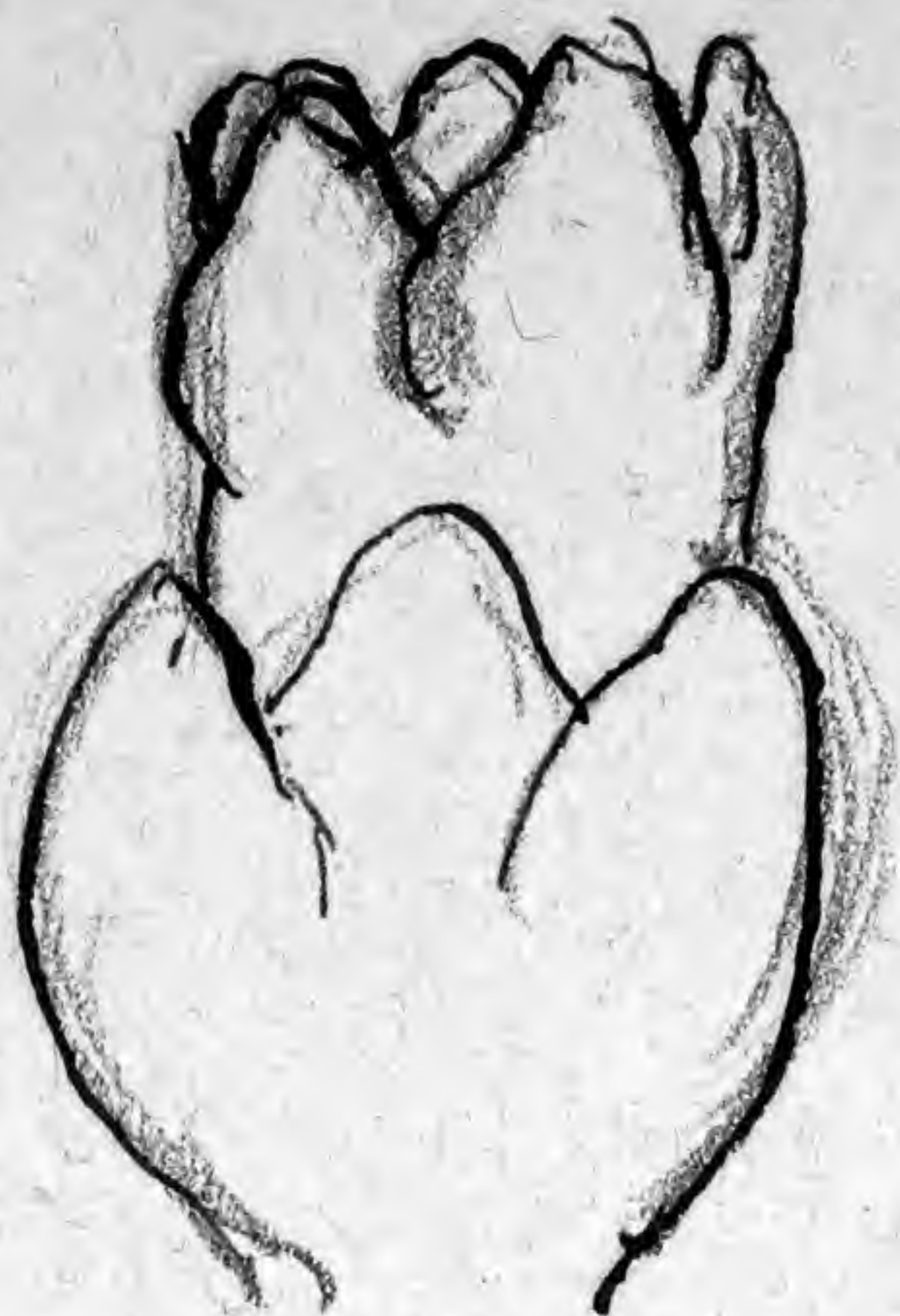
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222  
222

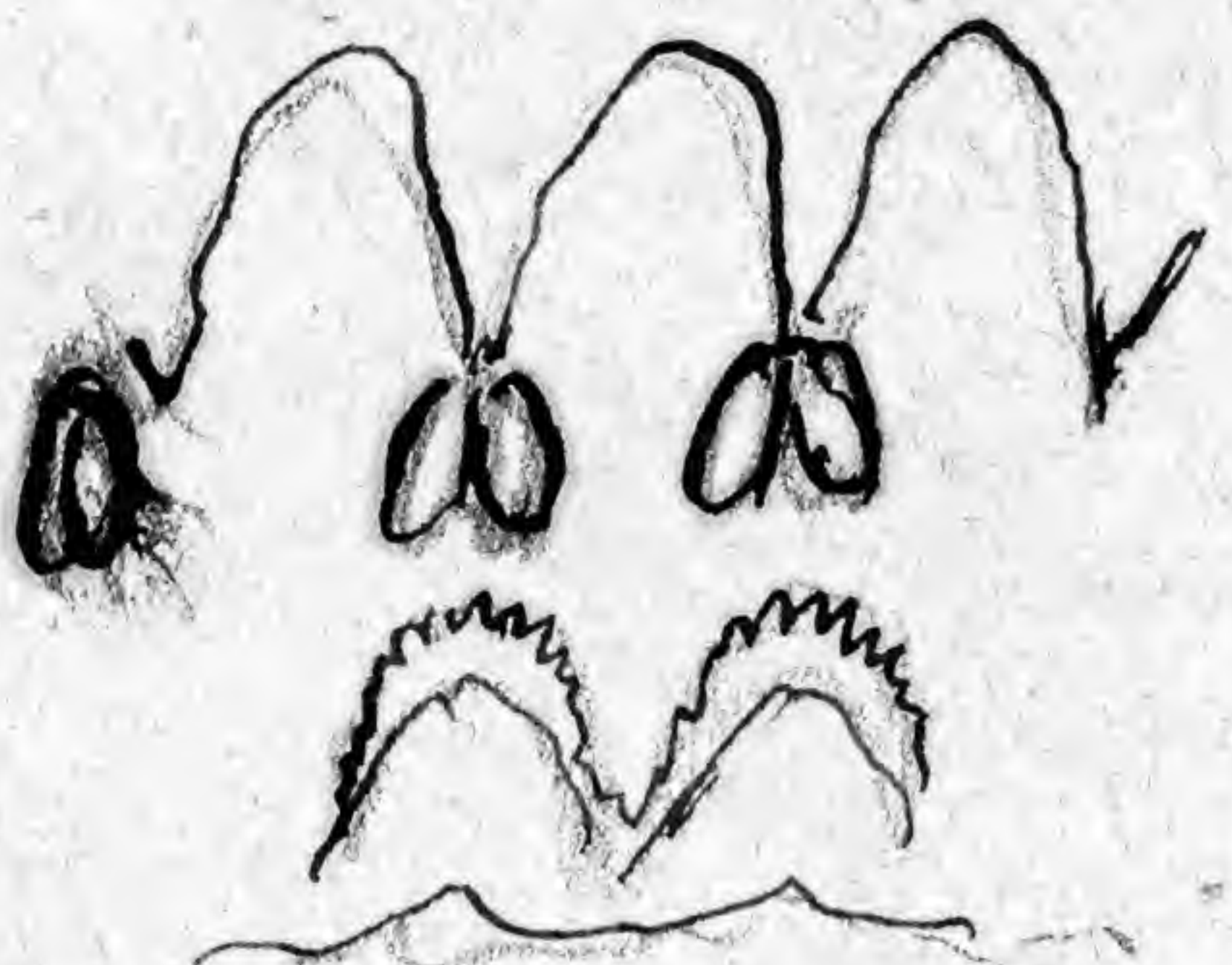
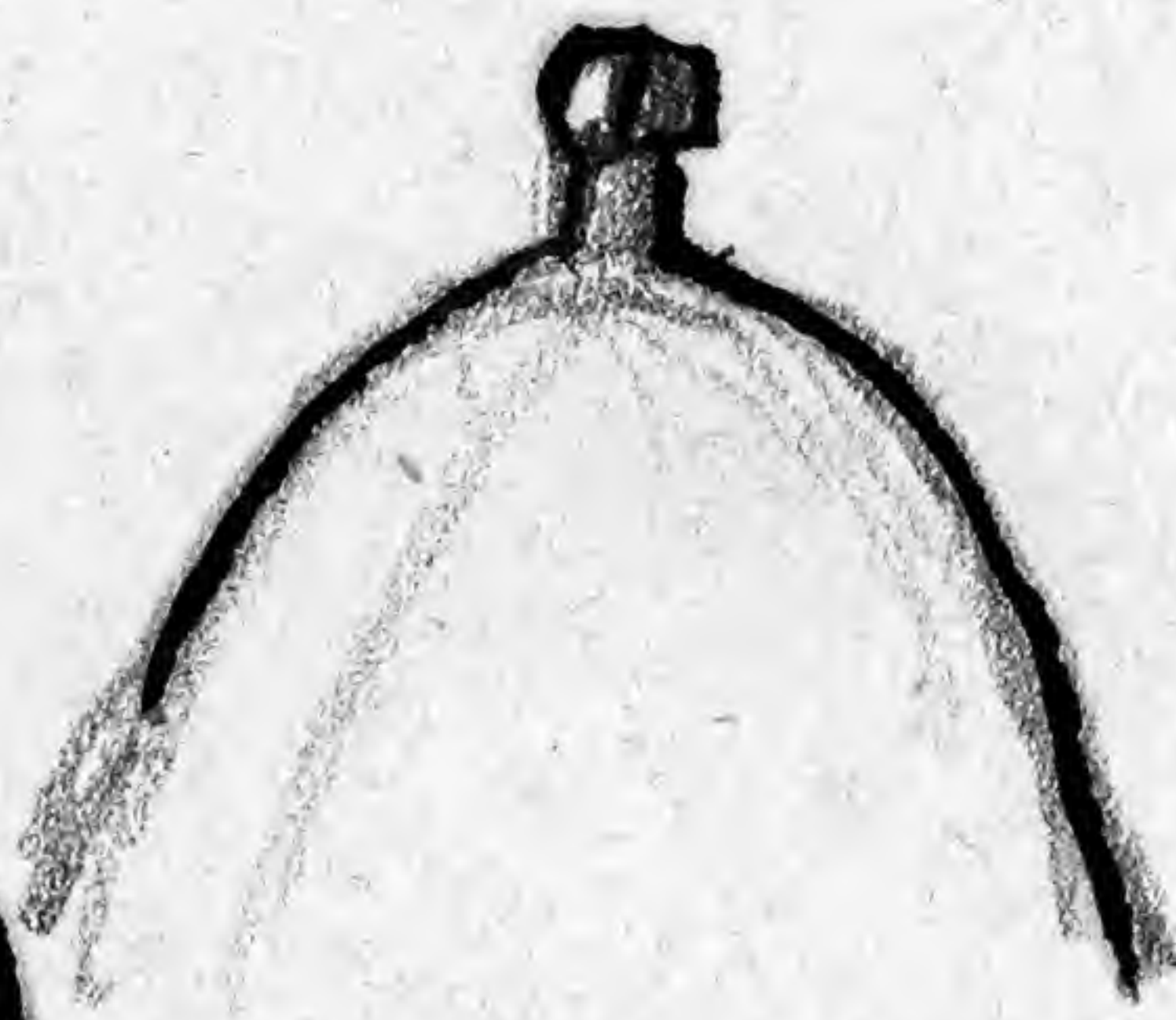
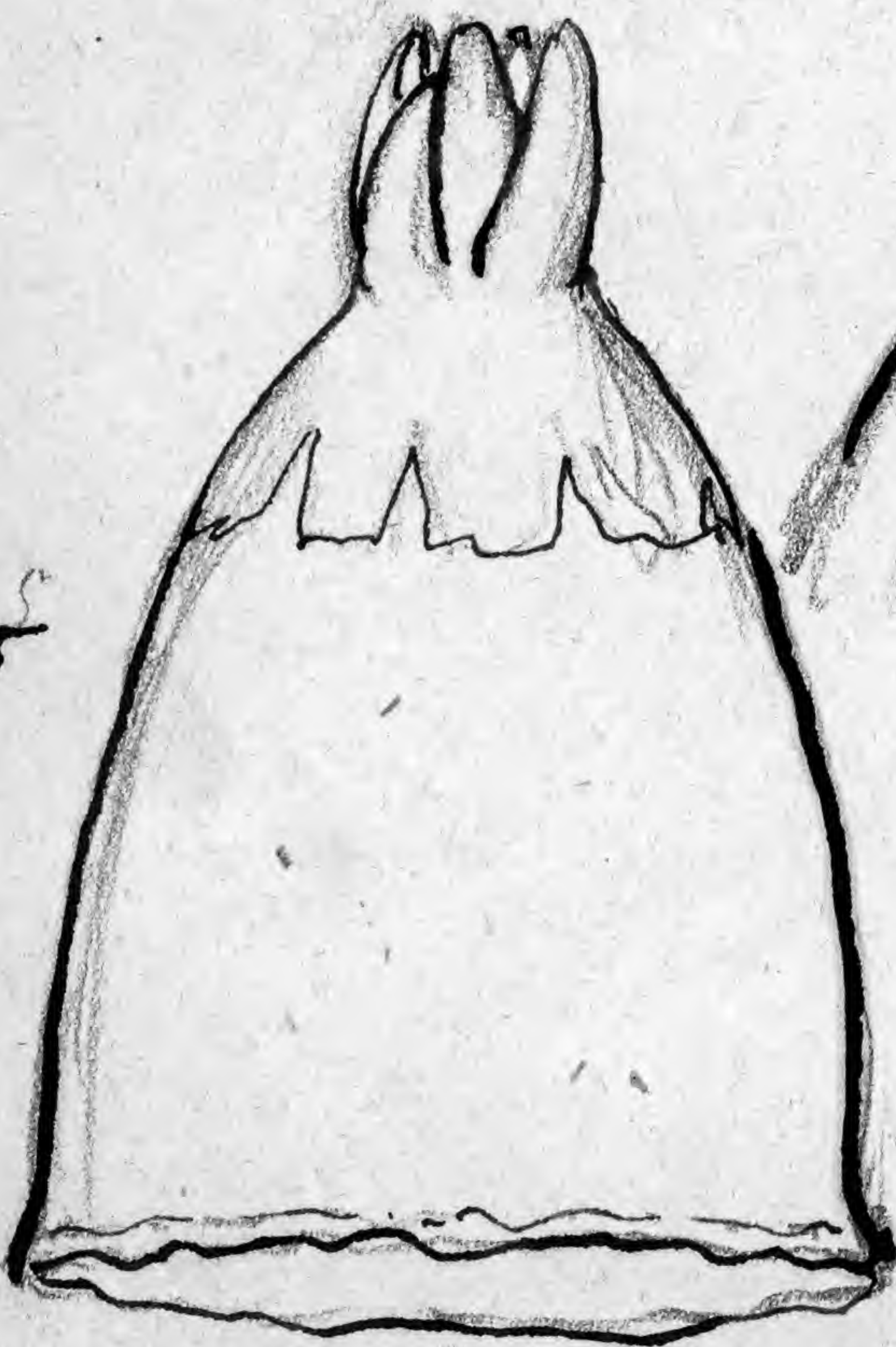


1.7



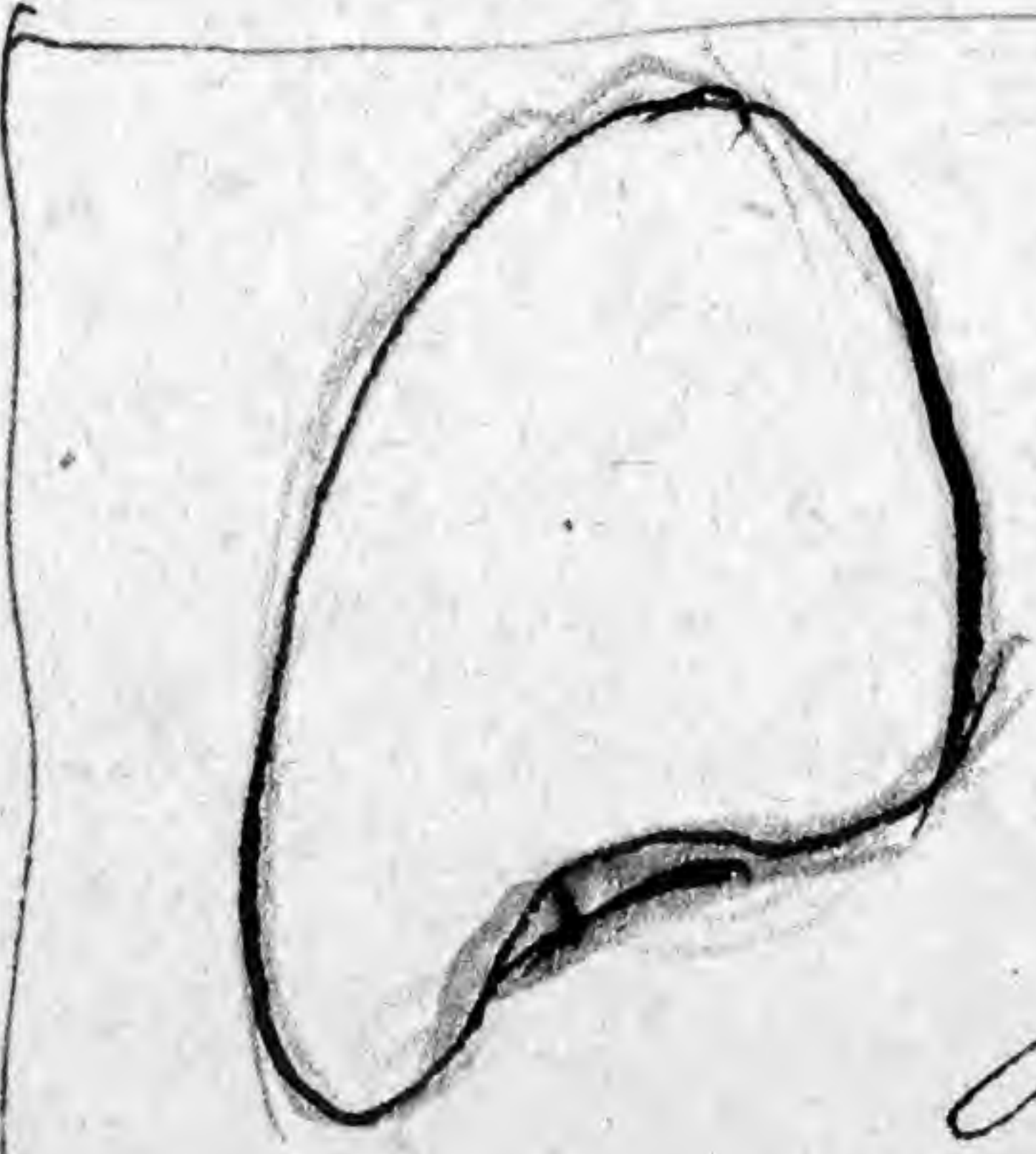
*Cuscuta monogyna*  
var *conocarpa*  
Chs Koch, *Cucurbitaceae*  
- Herl. Berl.

3.5



This is a form of  
*C. astylos* with an  
<sup>erect</sup> elongated capsule -  
no other difference.

1.3



Beirut.

*monogyna* Blauken  
Beirut, Syria <sup>Des M. 1864</sup>  
is the same thing



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

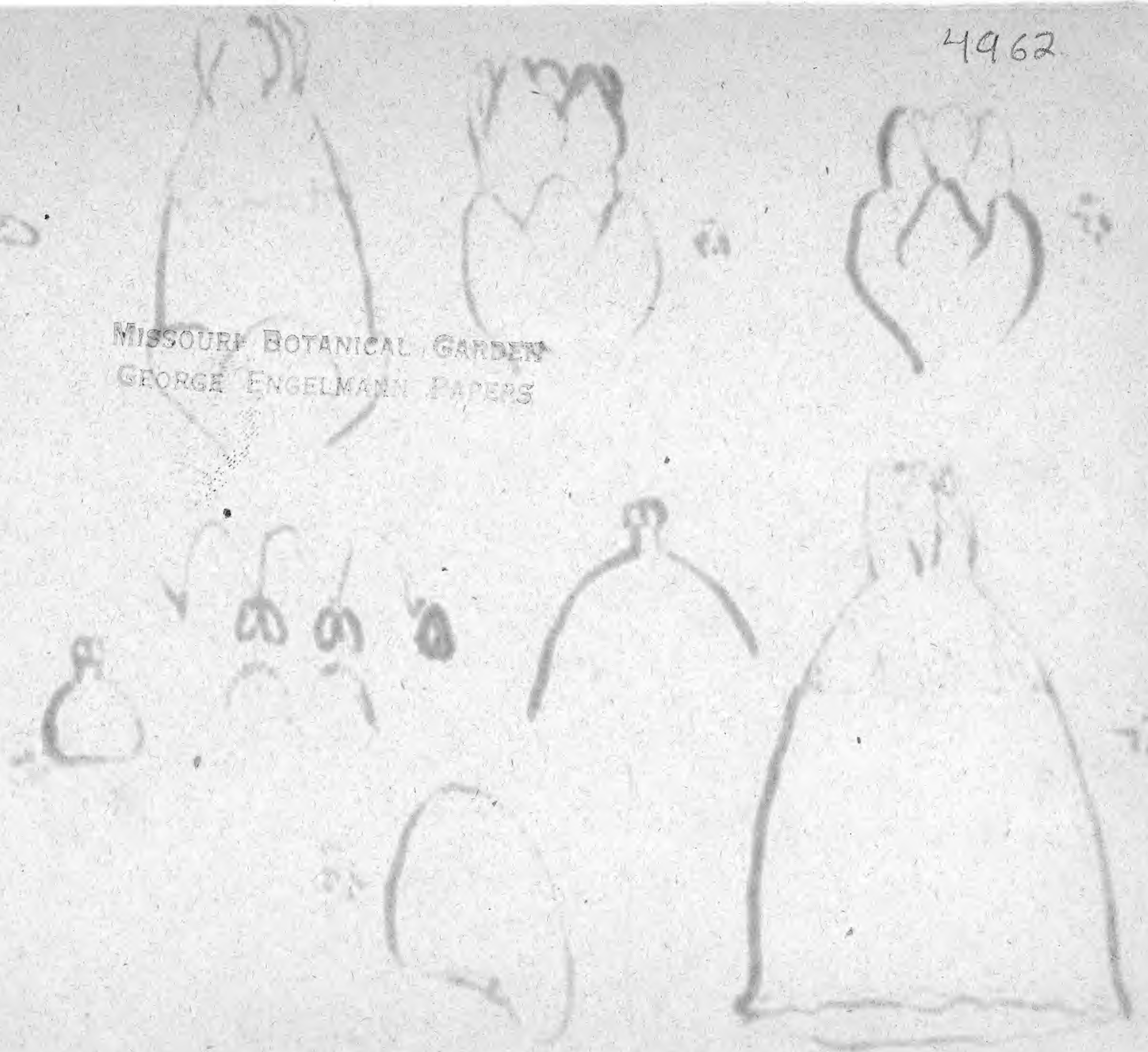


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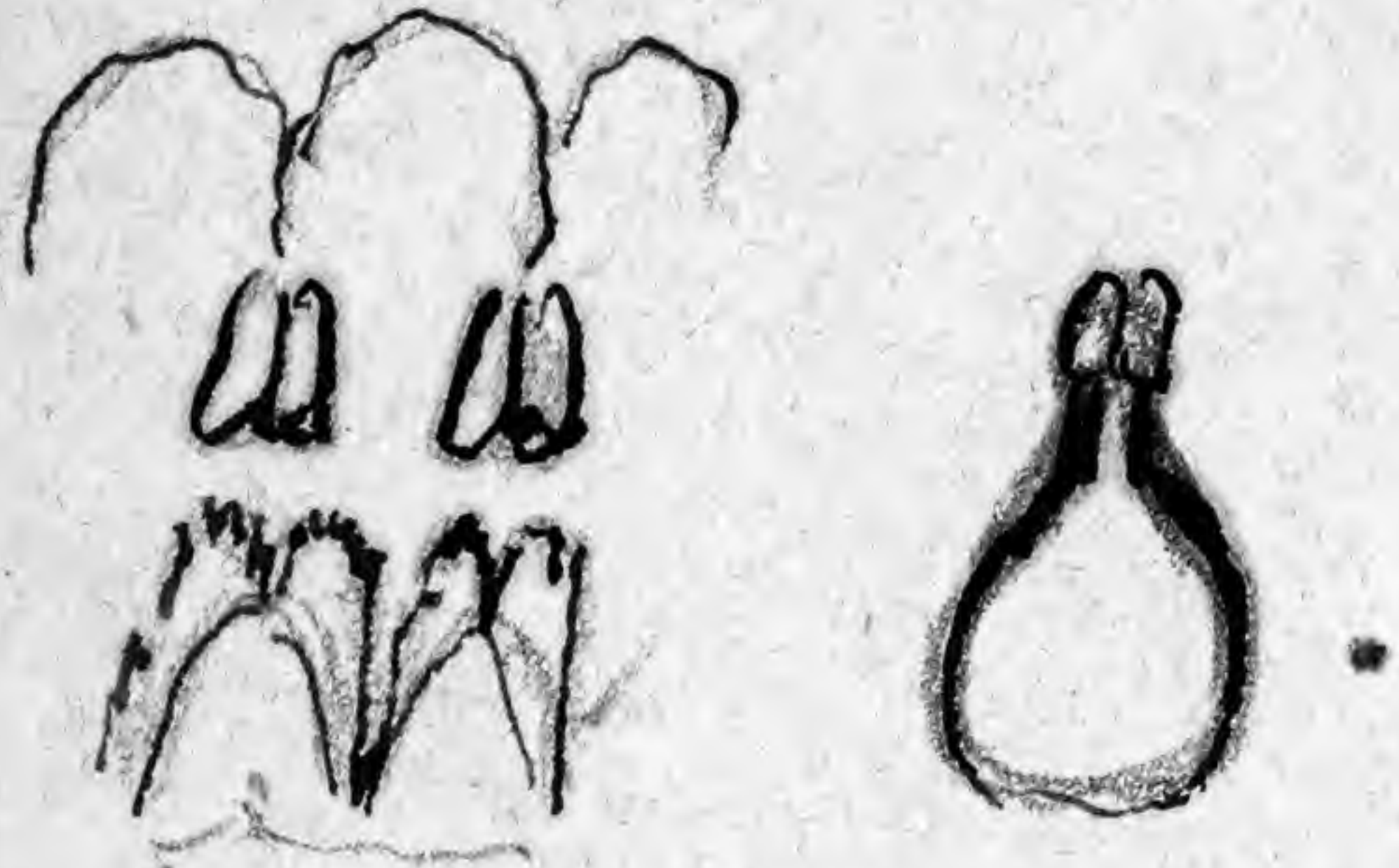
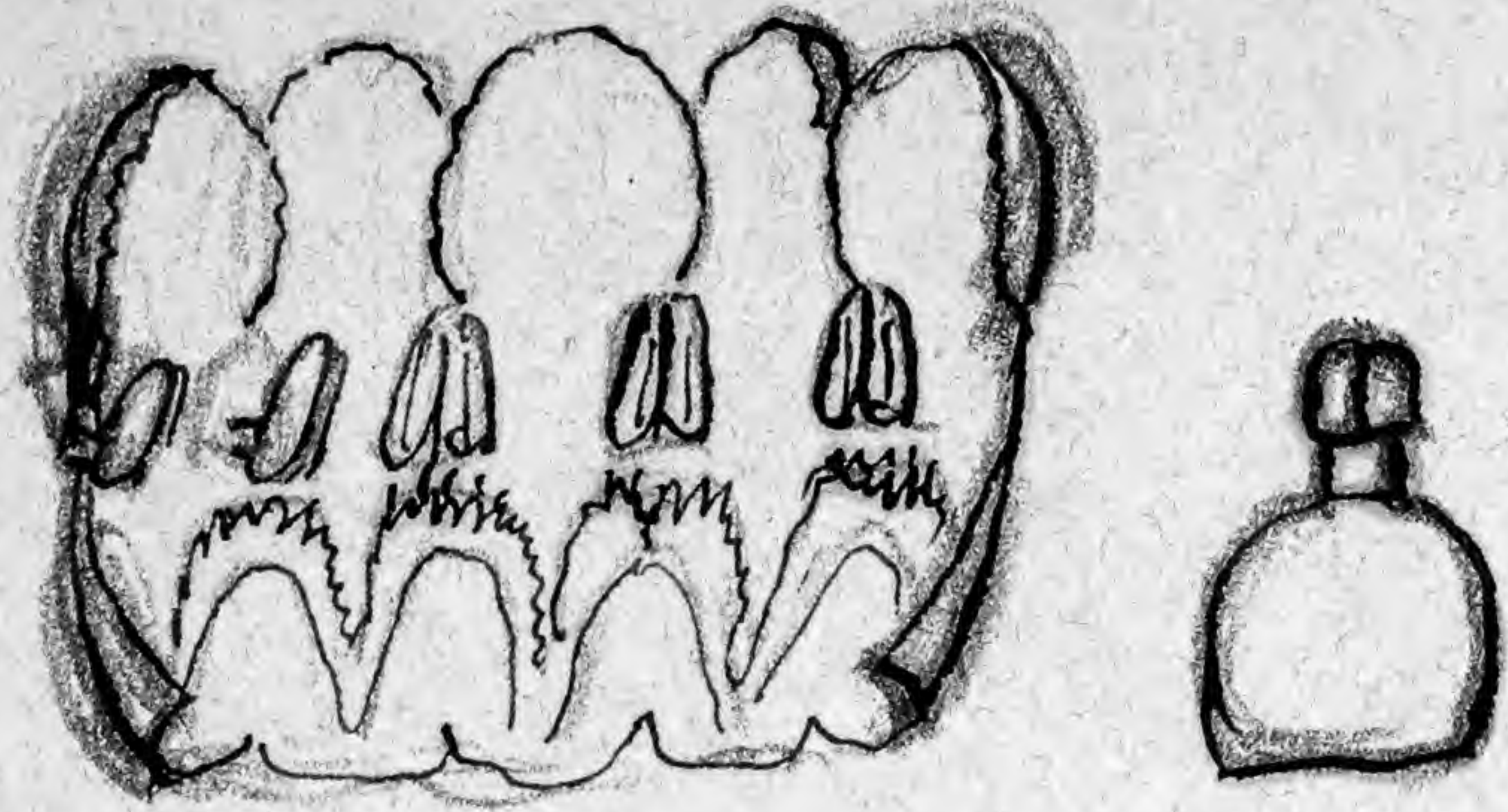
cm

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another flower of the same collection

713 *Cerata monogyna*

Kotschy N. Pers. austr

in paucibus alp. Kuh. -  
- Jaëna

21 July 1842

The ordinary form, and sometimes a slight transition to the lupuli-  
form, by a slightly elongated  
attenuate ovary, and divided style,



0 1 2 3 4 5 6 7 8 9 10

cm

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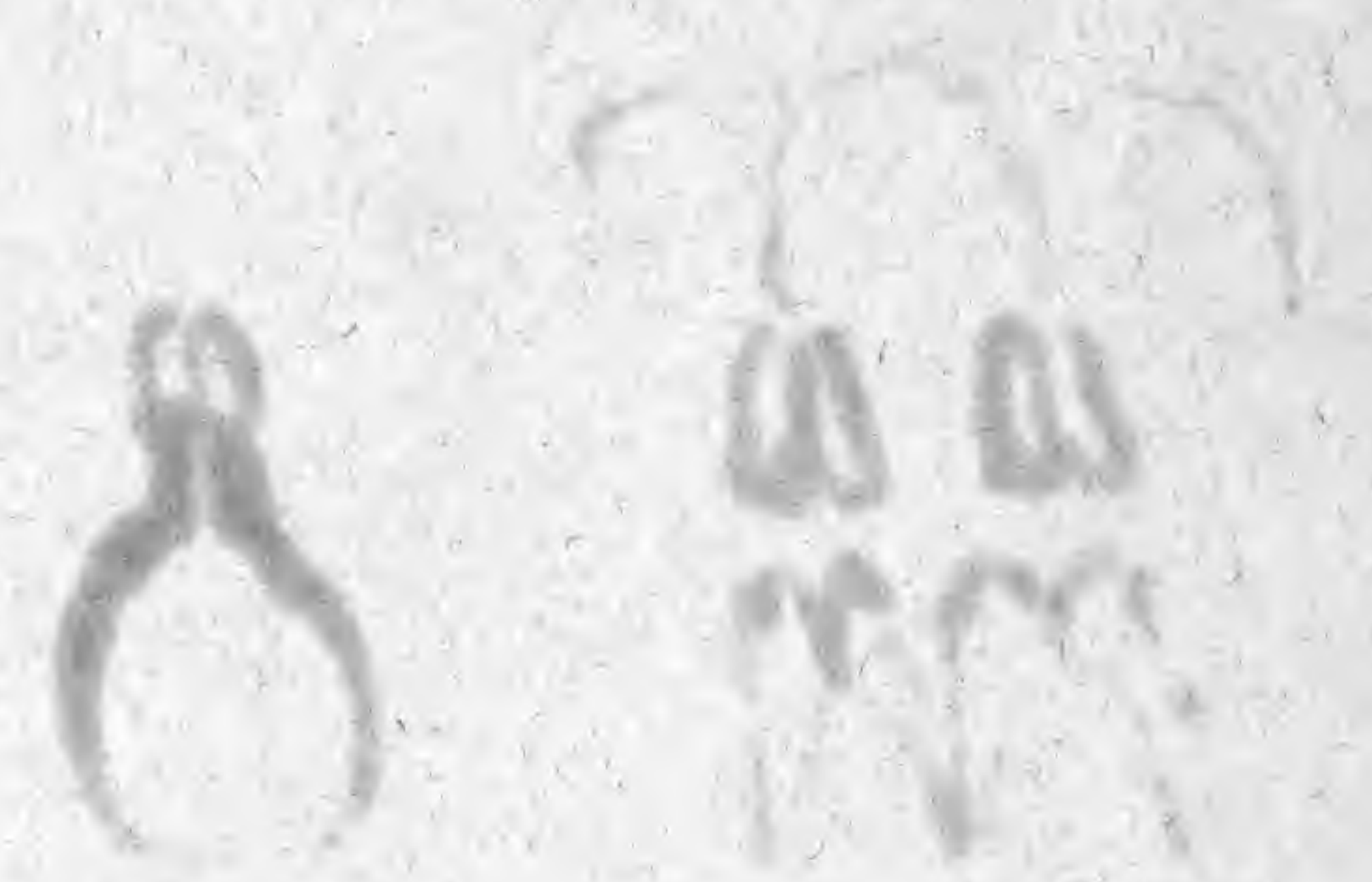


4963

*Faint handwritten notes, possibly including a name and date.*



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cm

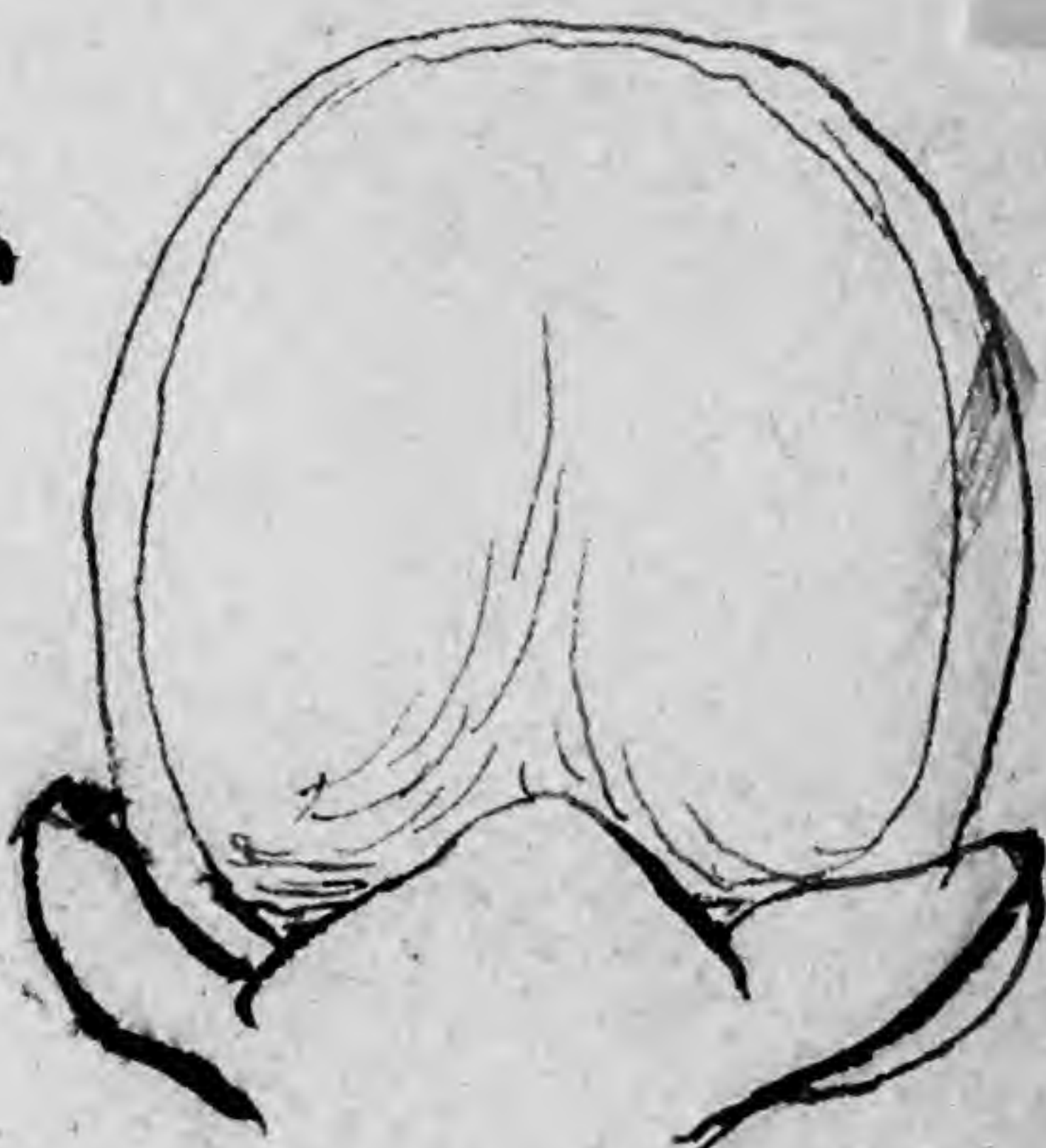
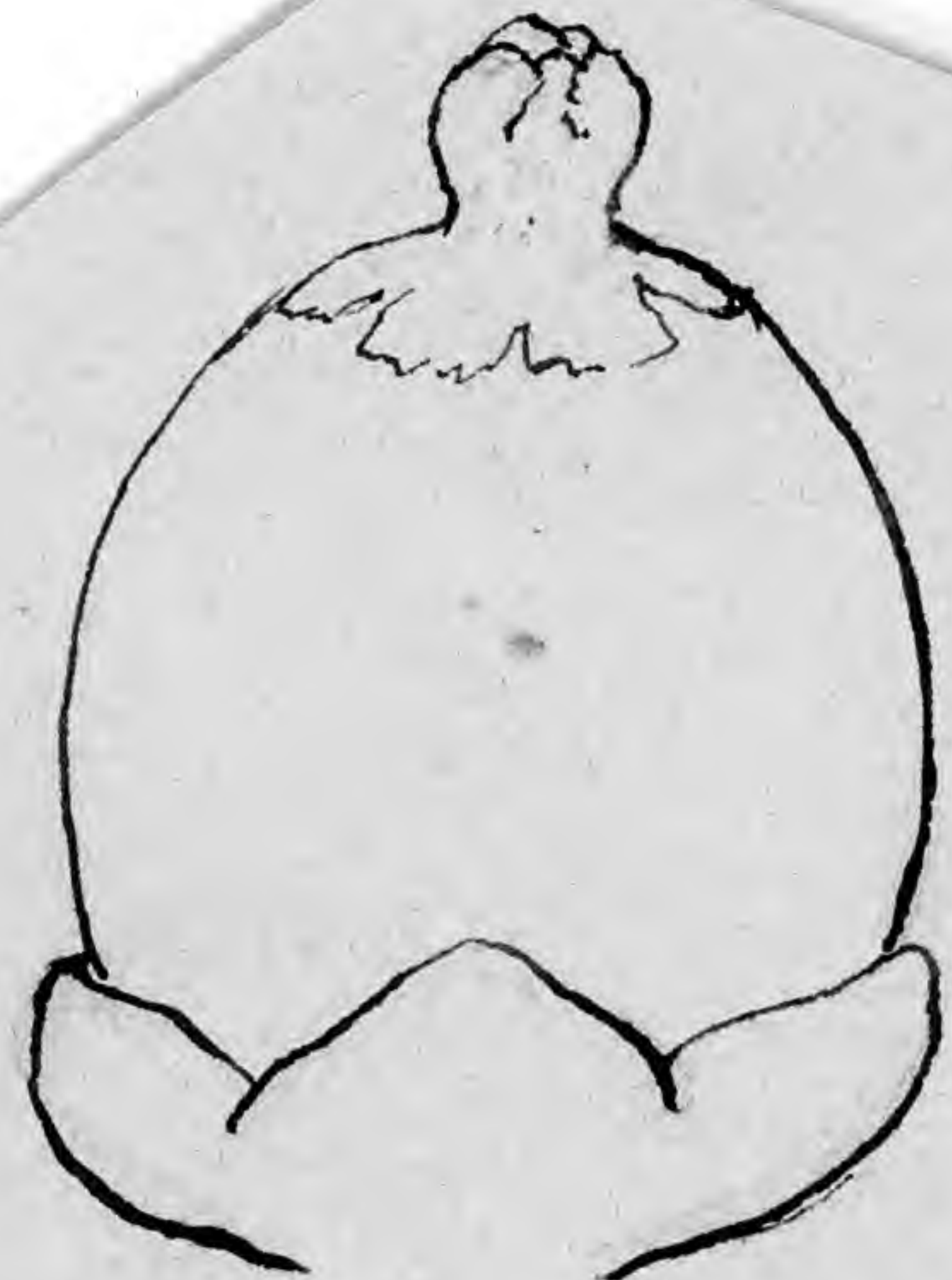
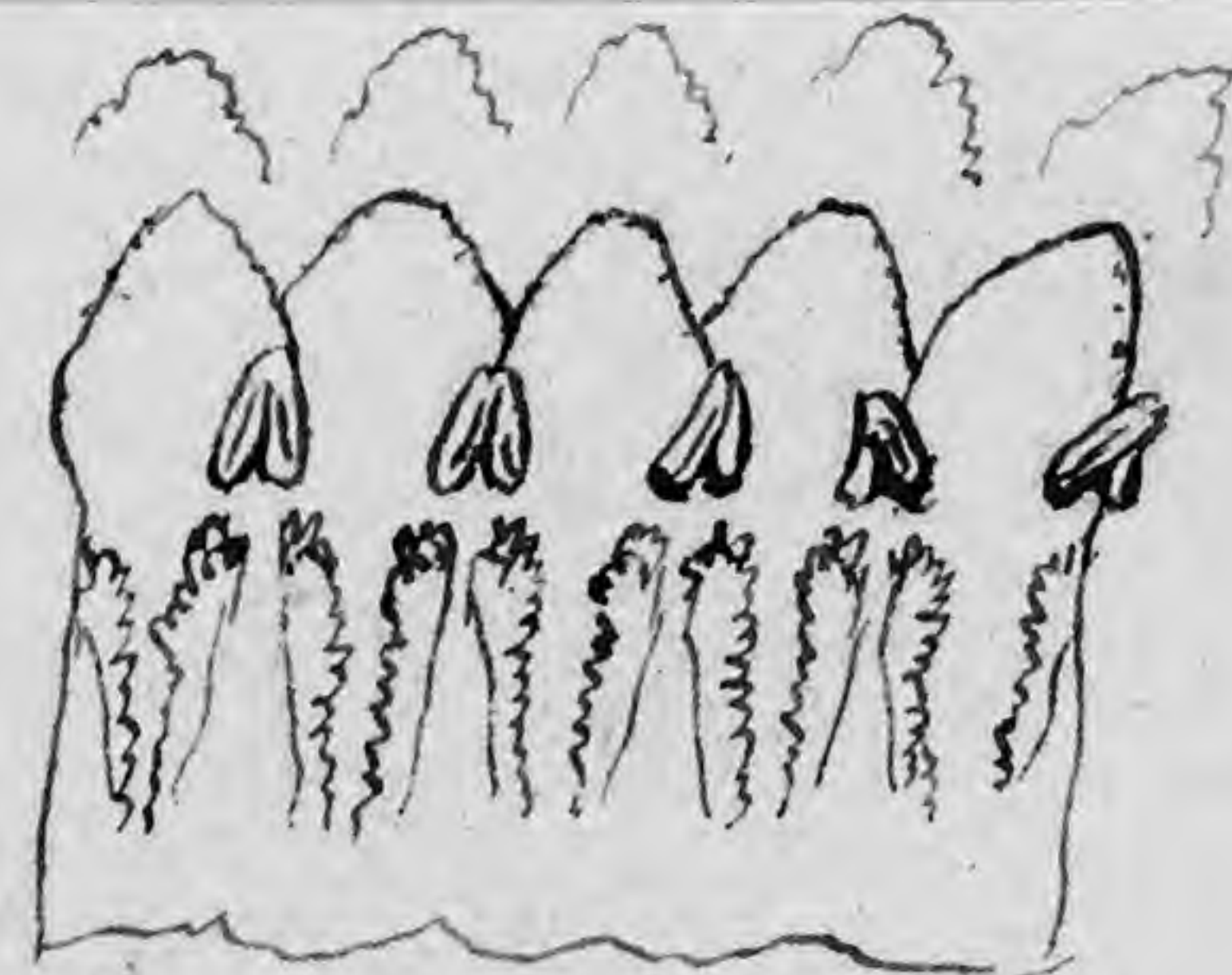
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n.

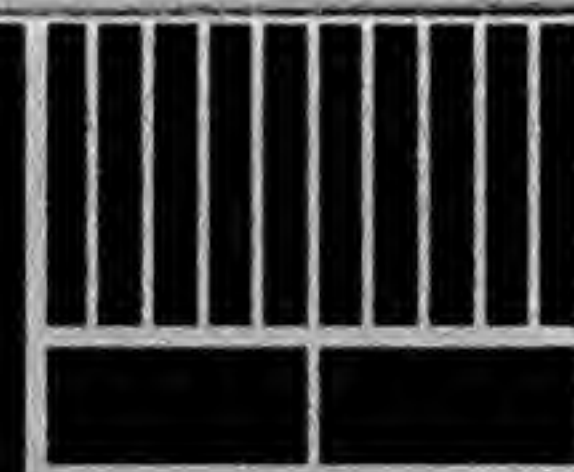


*dissepiment*

*Cuscuta astyla* n. sp.

Helenendorf, Caucasus  
Hohenacker

St. Louis Dec. 1844



0 1 2 3 4 5 6 7 8 9 10

cm

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0 1 2 3 4 5 6 7 8 9 10

cm

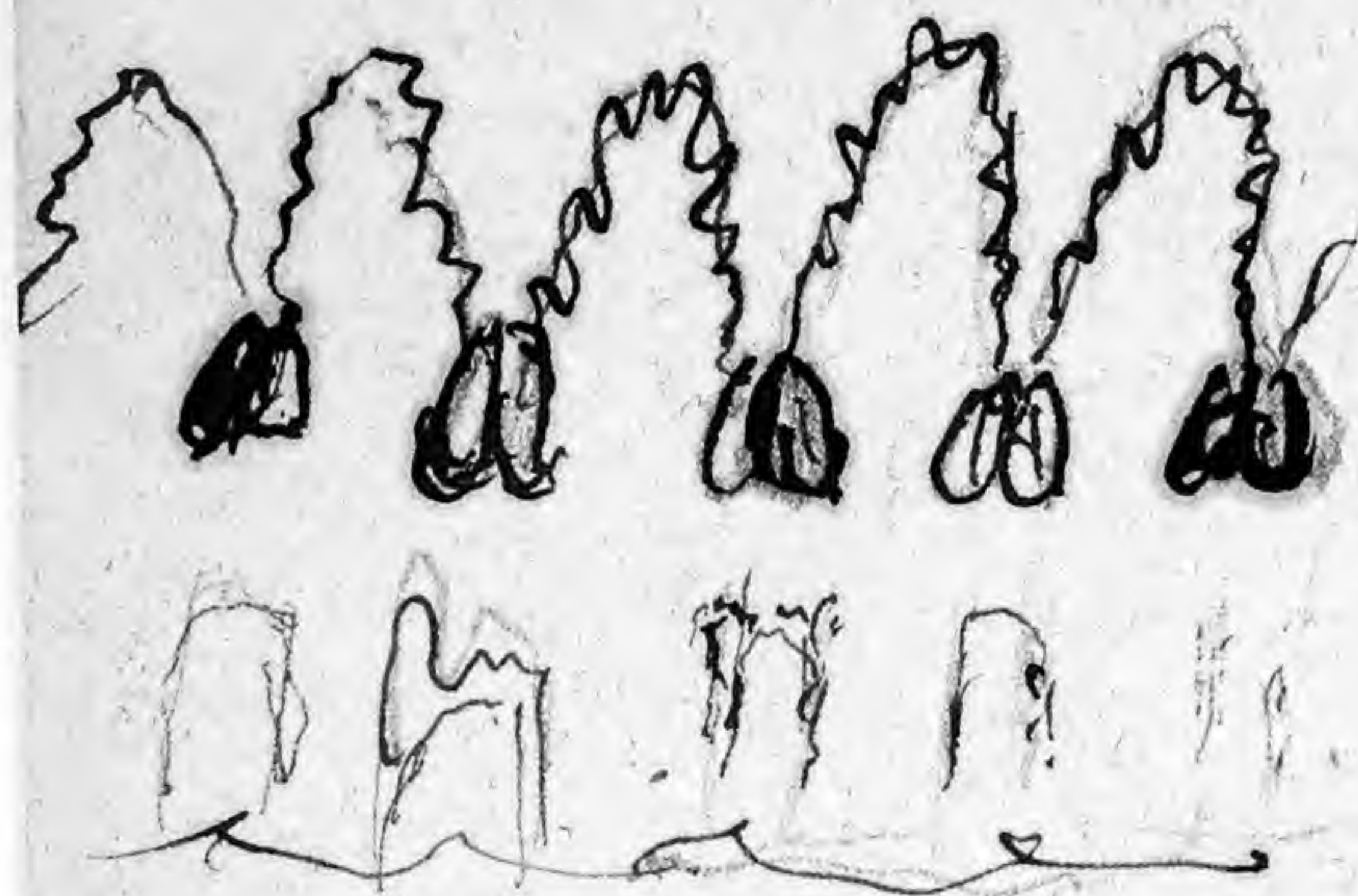
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Paris July 1857



1 3/4 l.s



411 *Cassia monogyne*

14 Aug 1854

Belausa

Magnesian

in Monte Sipyle

Hb. Cosmo & Gay & Hook et al

is the same plant as No 221 but

I find the pistils shorter, globose, and a very slight  
 reddish only of scales, or none at all. Less  
 than in the figure 221, only a slight ridge, or thickening  
 (anthers cordate) <sup>or a slight fold</sup> sometimes I find scarcely a trace, now and  
 then a <sup>single</sup> tooth a little larger — often they may be said  
 to be without scales! or scales present, but entirely or  
 almost entirely adnate, entire  
 or slightly denticulate  
 flowers rose red



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



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4965

*[Faint, illegible handwritten text]*



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cm

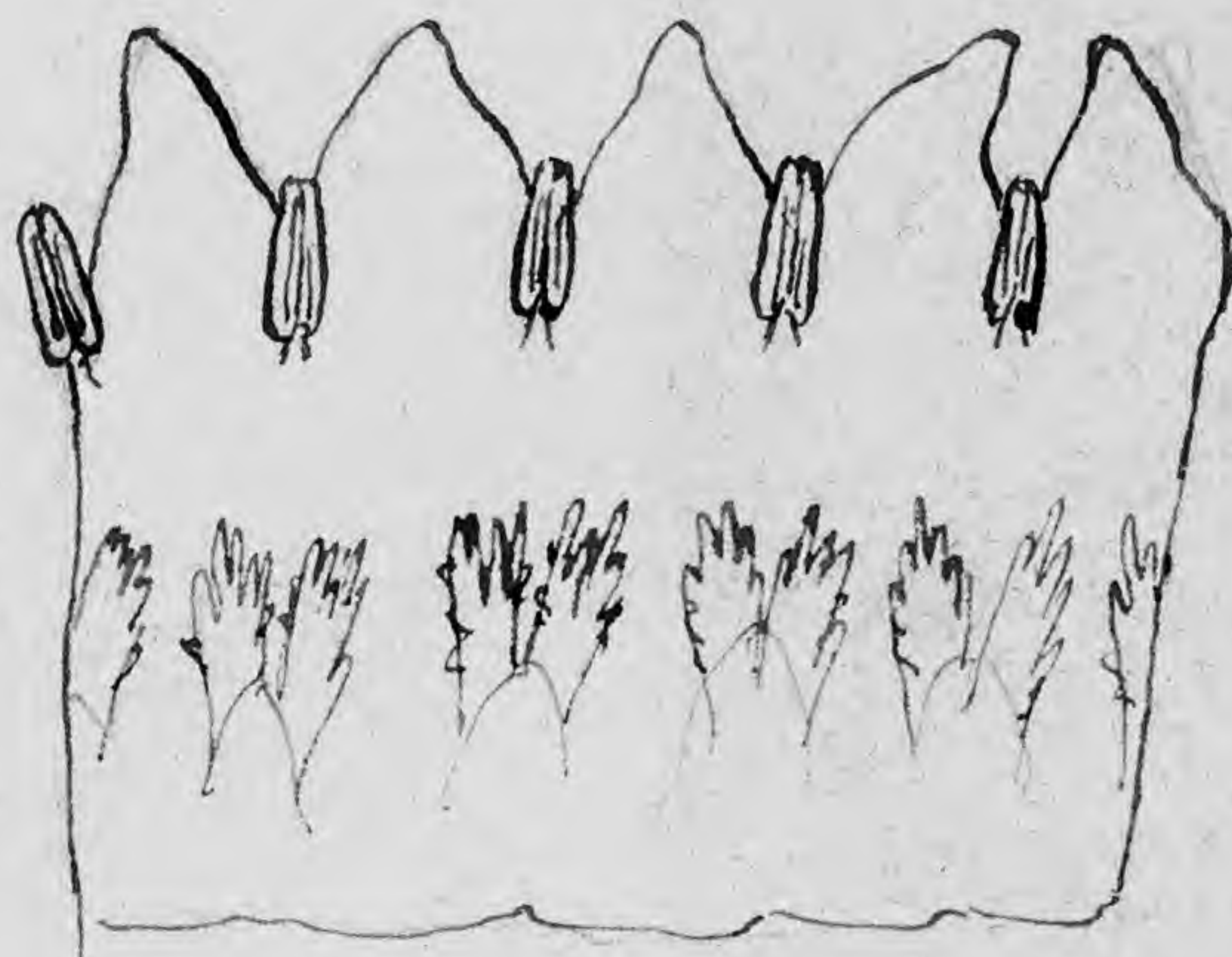
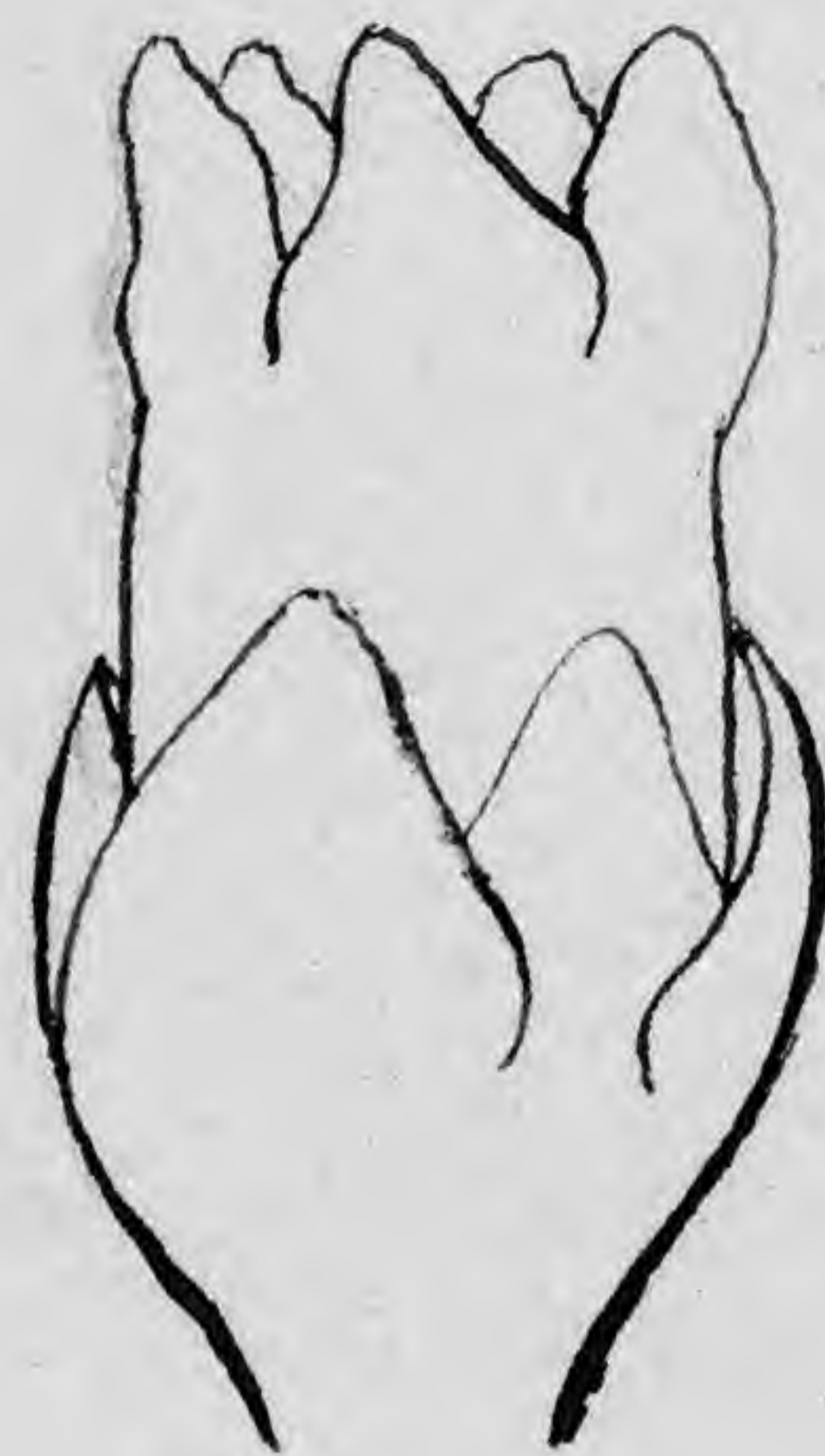
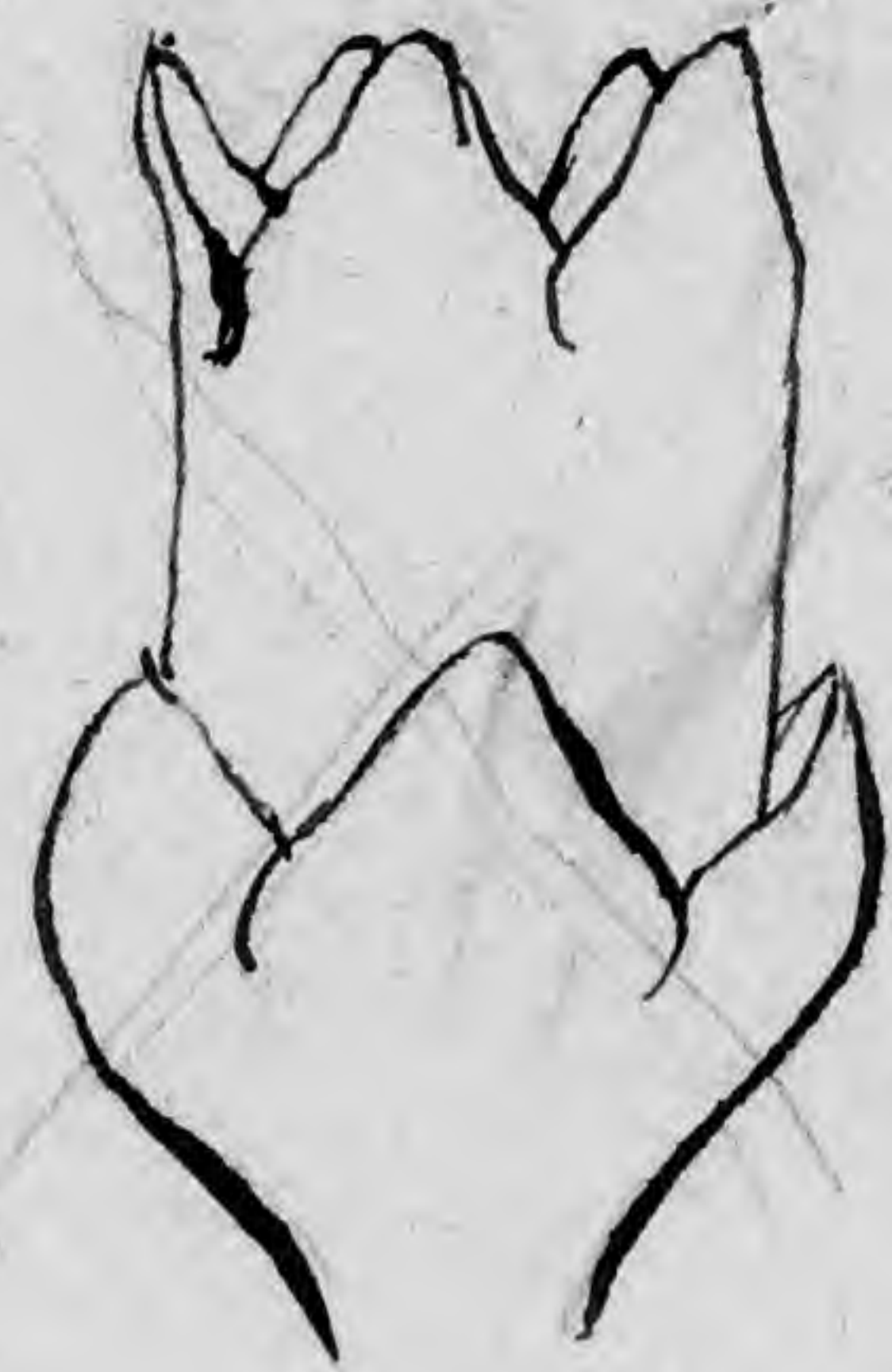
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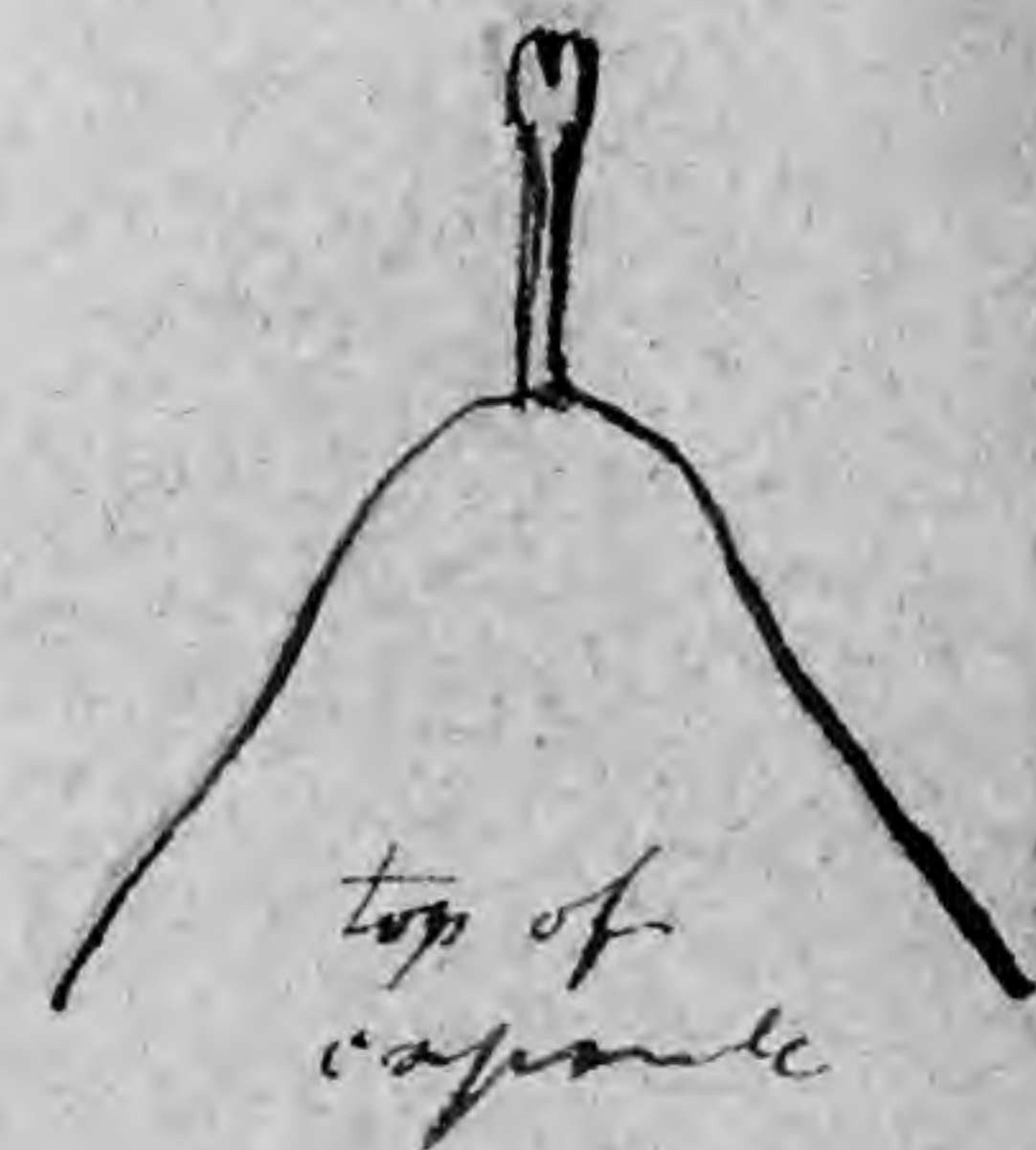
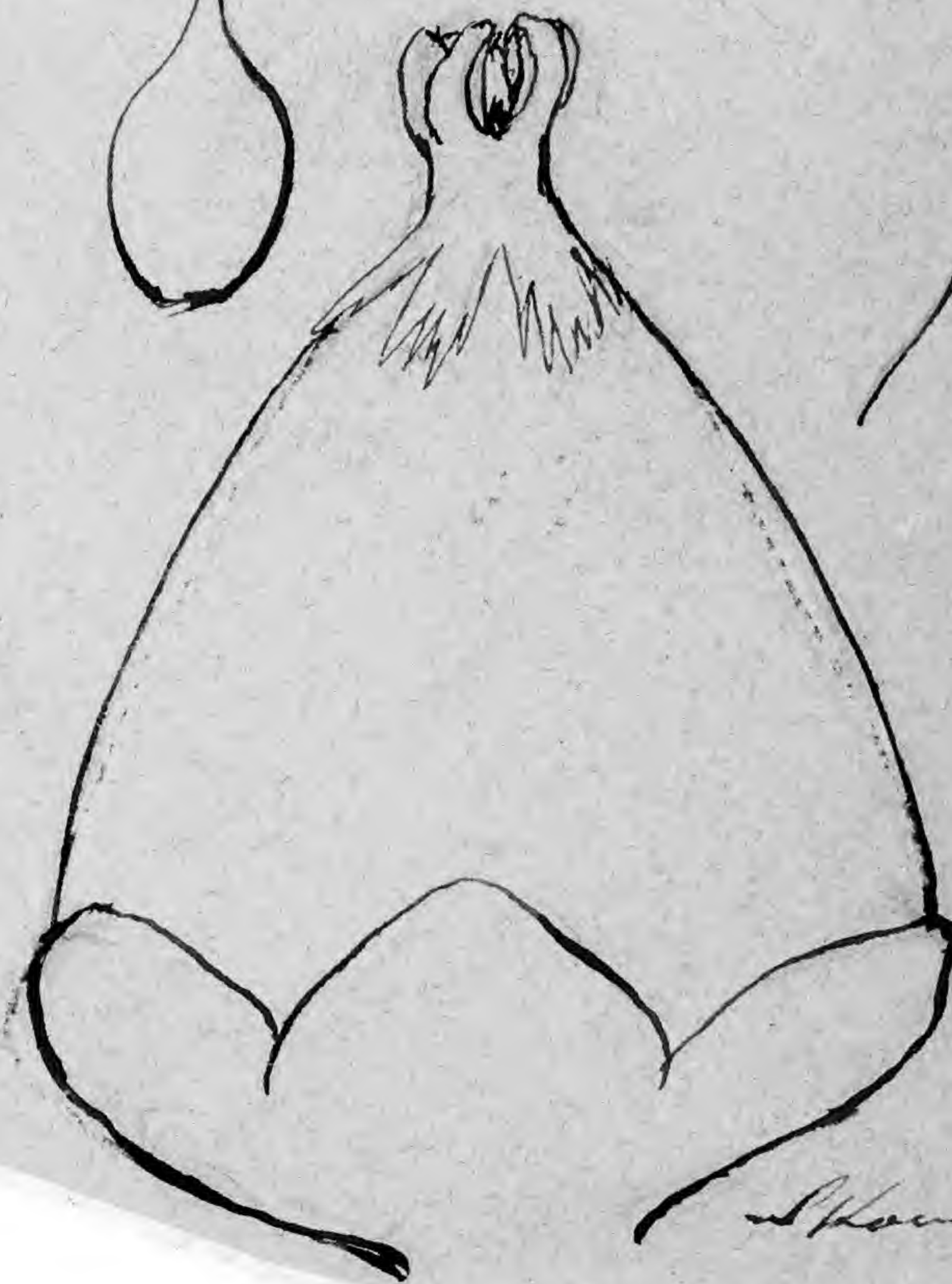
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GARDEN



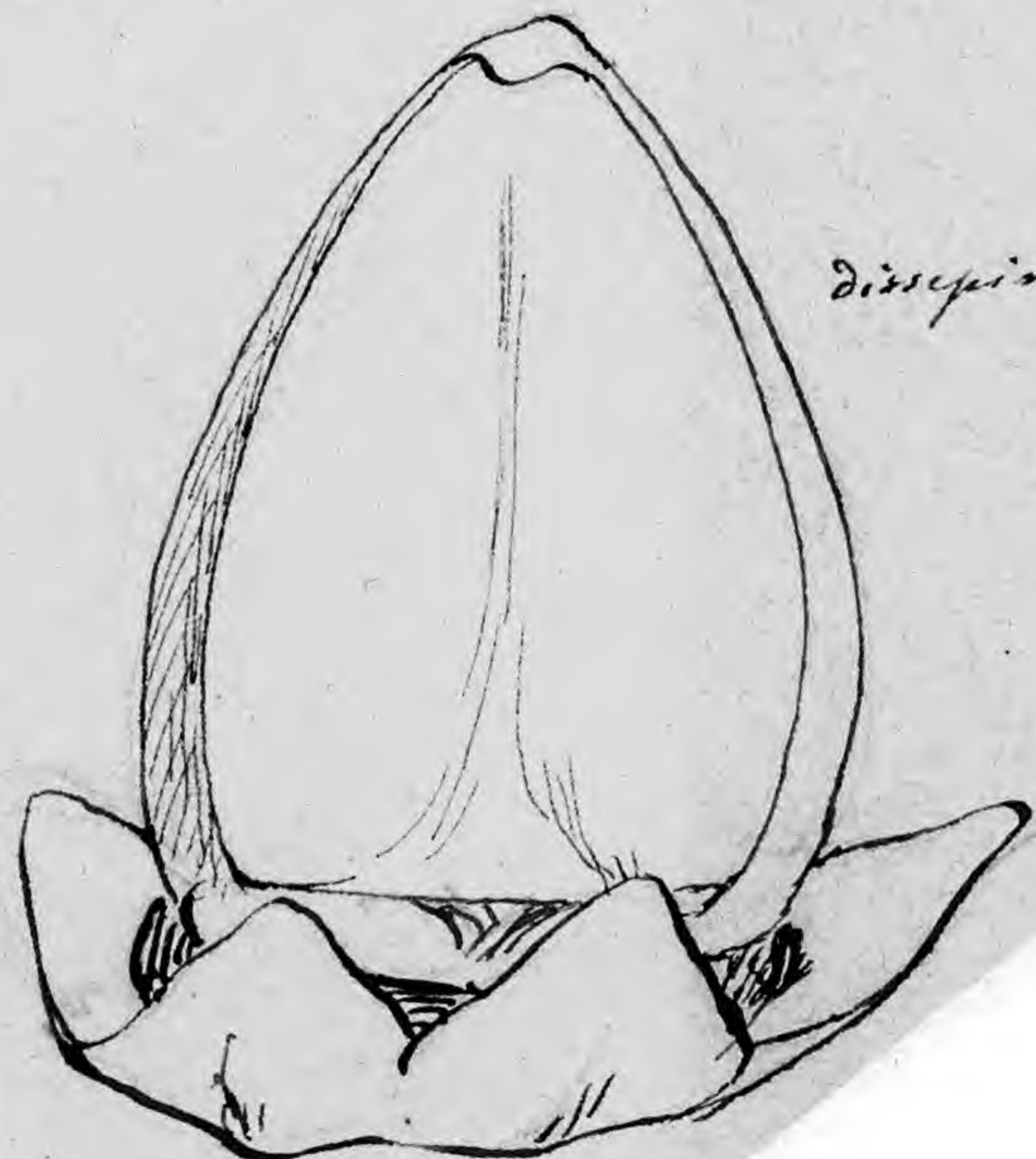
l.



*Curcuma monogyna* W.  
Silesia

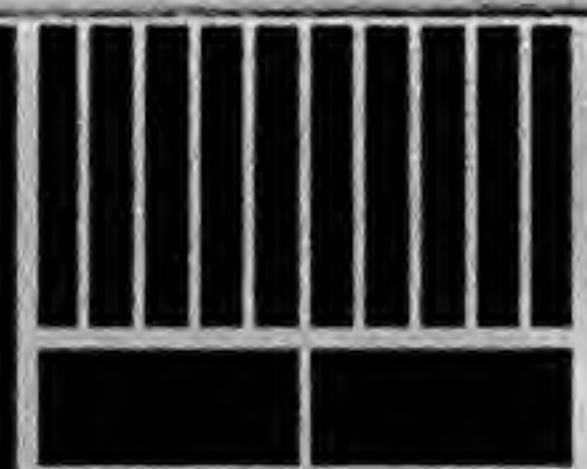


top of capsule



dissection

L. H. S. Dec.  
1844



0  
cm

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GARDEN



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99bh



0 1 2 3 4 5 6 7 8 9 10

cm

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GARDEN



X

Curt p. 515

*C. Lehmanniana*

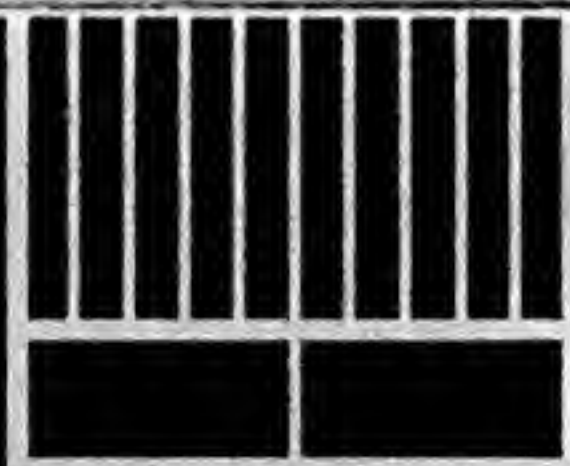
*C.*

Orange

221, 224

*C. minor*

(Enclosed 525-527)



0 1 2 3 4 5 6 7 8 9 10

cm

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GARDEN



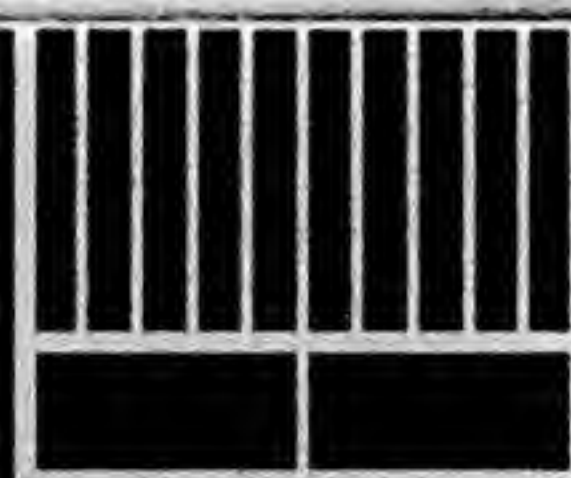
4966

*Handwritten scribbles*



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*Handwritten scribbles*



0 1 2 3 4 5 6 7 8 9 10

cm

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GARDEN



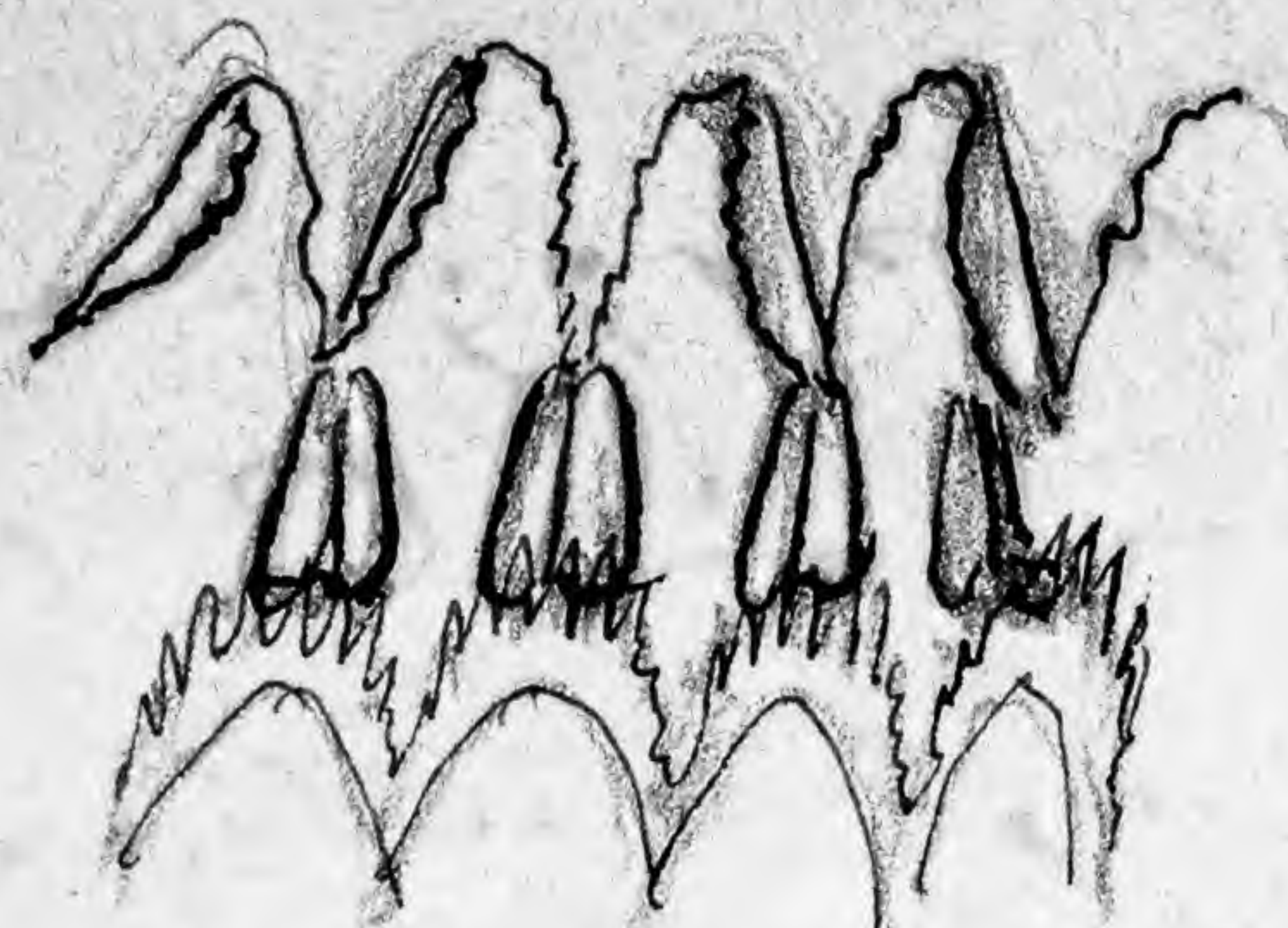
Bunge in Reliq. Lehmann p. 396  
(1851)

*Cuscuta Lehmanniana* Bunge

Alex Lehmann Reliq. Botan

Asia media in Herb. reg. Berlin

Caulis subfuniculari, floribus  
laxe spirato-paniculatis, pedicellatis;  
calycis tenuis, membranacei lobis  
ovato-obovatis, subrotatis, margini  
(in 1000) diaphanis, tubo corollae  
non s. vix aequalibus; lacini corollae oblongo-  
ovatis obtusis, emarginatis, tubo brevioribus;  
antheris sub fauce adnatis ovatis unguis-  
culis; squamis hippocrepiformibus  
antheras attingentibus, ovario ovato  
in stylum crasso ~~obtusum~~ attenuato  
stigmatibus ovatis stylo aequilongis



23  
2.3



half ripe  
fruit after  
the removal  
of the corolla

over



0 1 2 3 4 5 6 7 8 9 10

cm

copyright reserved



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GARDEN



Oct 1859

4967

Corolla  $1\frac{3}{4}$  -  $2\frac{1}{4}$  li long; flower over  $2\frac{1}{2}$  li long

evidently nearly allied to *C. monogyna*;  
anthers and style shorter than in *C. lupuli-*  
*formis*; scales covering the base of anthers

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GEORGE ENGELMANN PAPERS



0 1 2 3 4 5 6 7 8 9 10

cm

copyright reserved



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BOTANICAL  
GARDEN



= 224

*Lobelia*

*var. edentata*

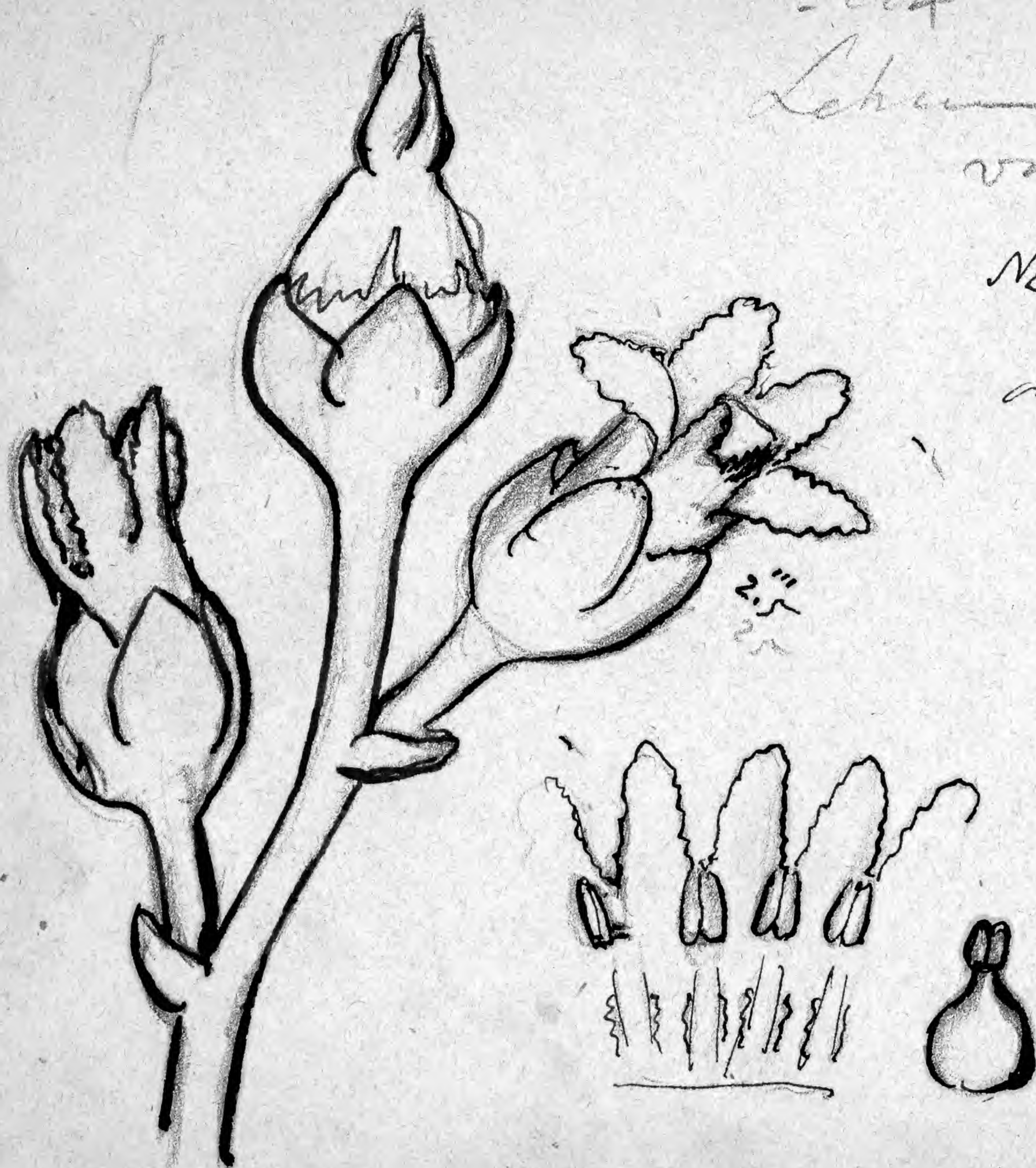
*capitata*

N 411 Magnesia, Asia minor  
on Pistoria Theribrathus

Balanusa

- H. Griseb

This is the same as 224  
both have the ovate stigmas;  
only difference is the small  
scales which are only lateral  
fringes along the adaxial filament  
and the deeper more distinct  
venulation of the corolla



0  
cm

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GARDEN



4968

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 cm copyright reserved

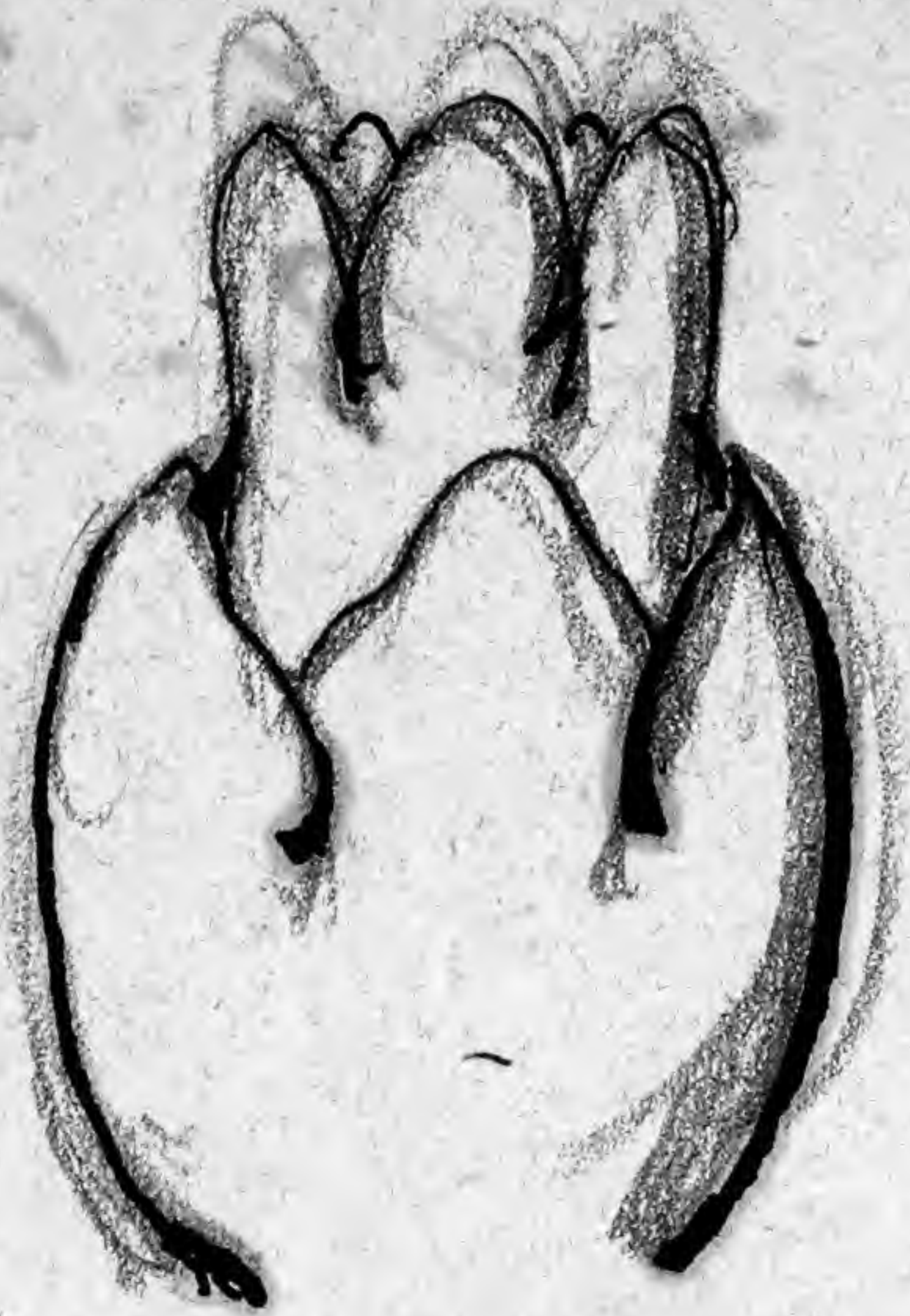


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 GARDEN



219

2  
2<sup>'''</sup>

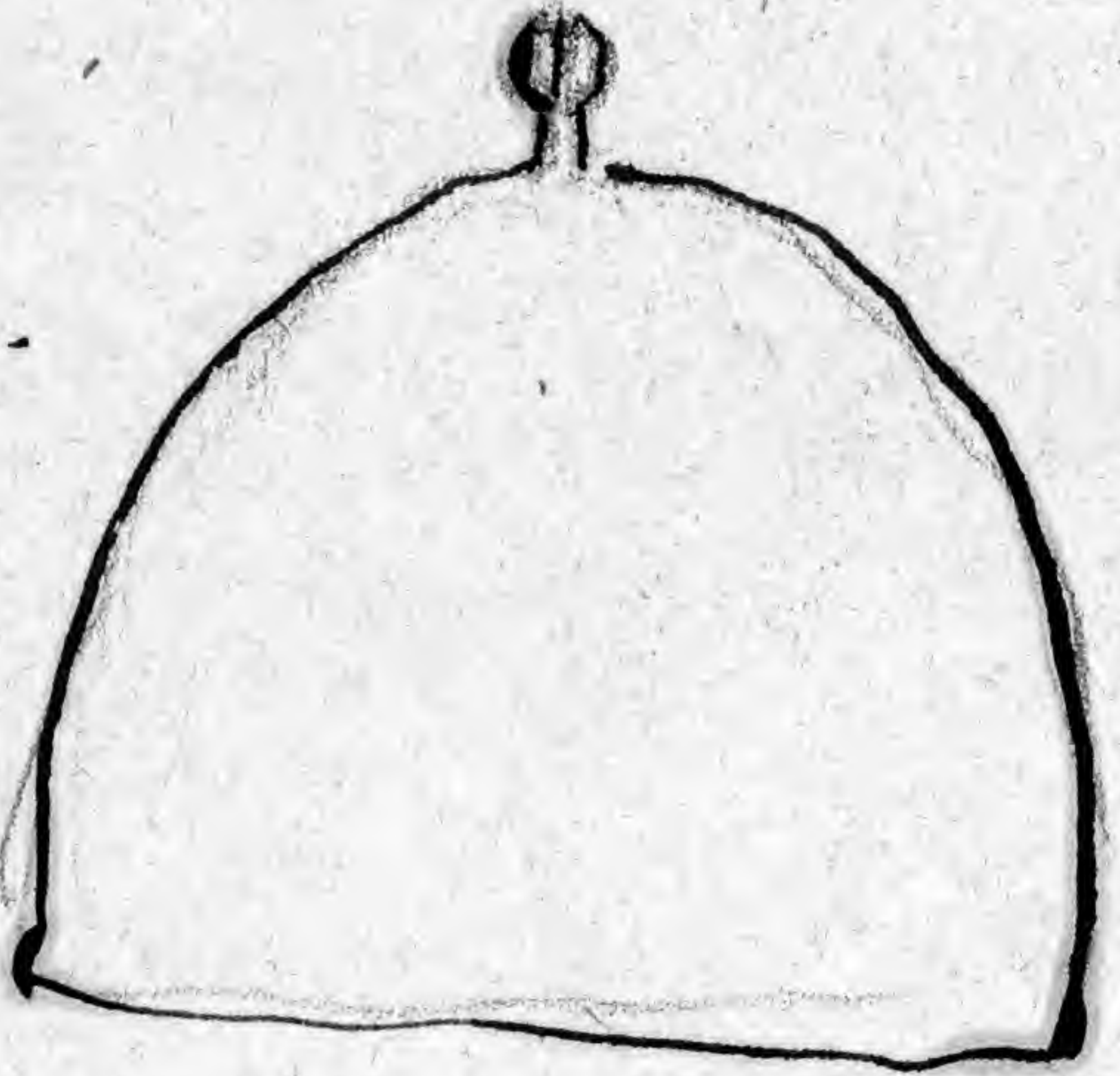


just flowering  
and enlarging.



Herb. Hook 18

Affghanistan  
Griffith 682  
on Salix



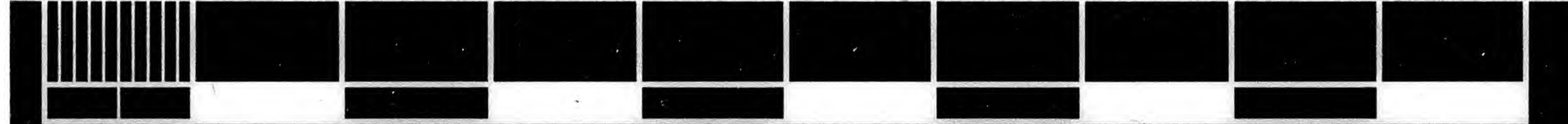
~~This must be Griffith's  
Carex gigantea  
over~~

Cuscuta  
on Salix  
Afghanistan

Herb. Hook. 18



H. Davis  
Dec. 1846



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



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Though it is the only of Griffiths species which occurs  
on Salix. It can not be his gigantea which is said  
to grow principally on Salix - also on Populus and  
once on Alnus.

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4969



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cm

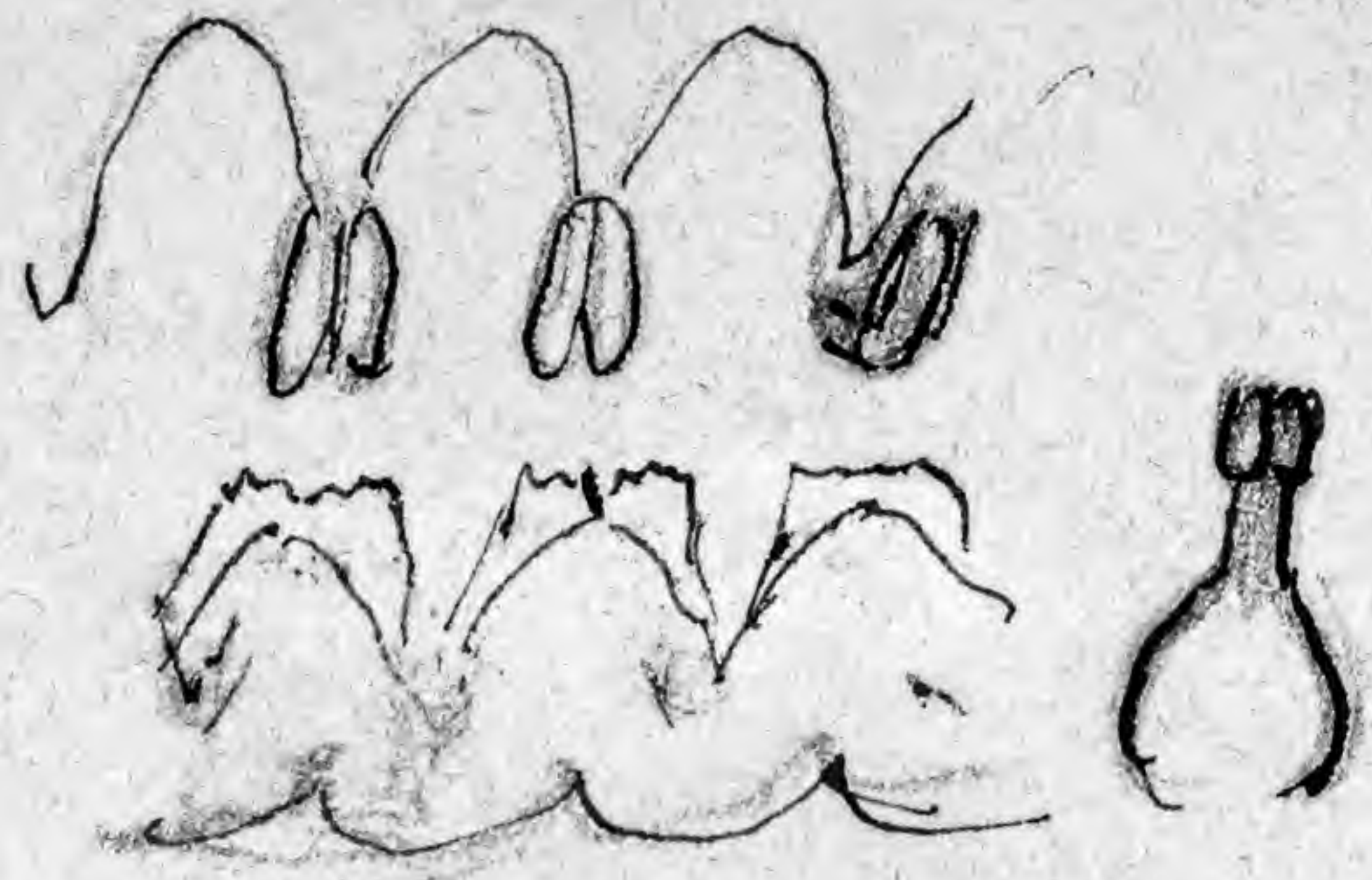
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GARDEN



207



3 valves bifid or not,  
truncate.

Afghanistan  
Griffiths. 684  
Arab Hook 28

(on some *Acacia*?)  
famine?

longer style in longer anthers  
a transition?



0 1 2 3 4 5 6 7 8 9 10  
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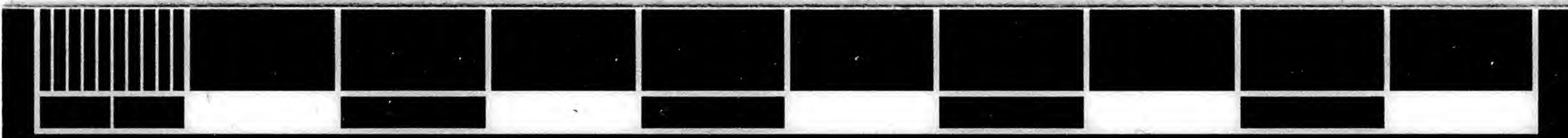


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4970

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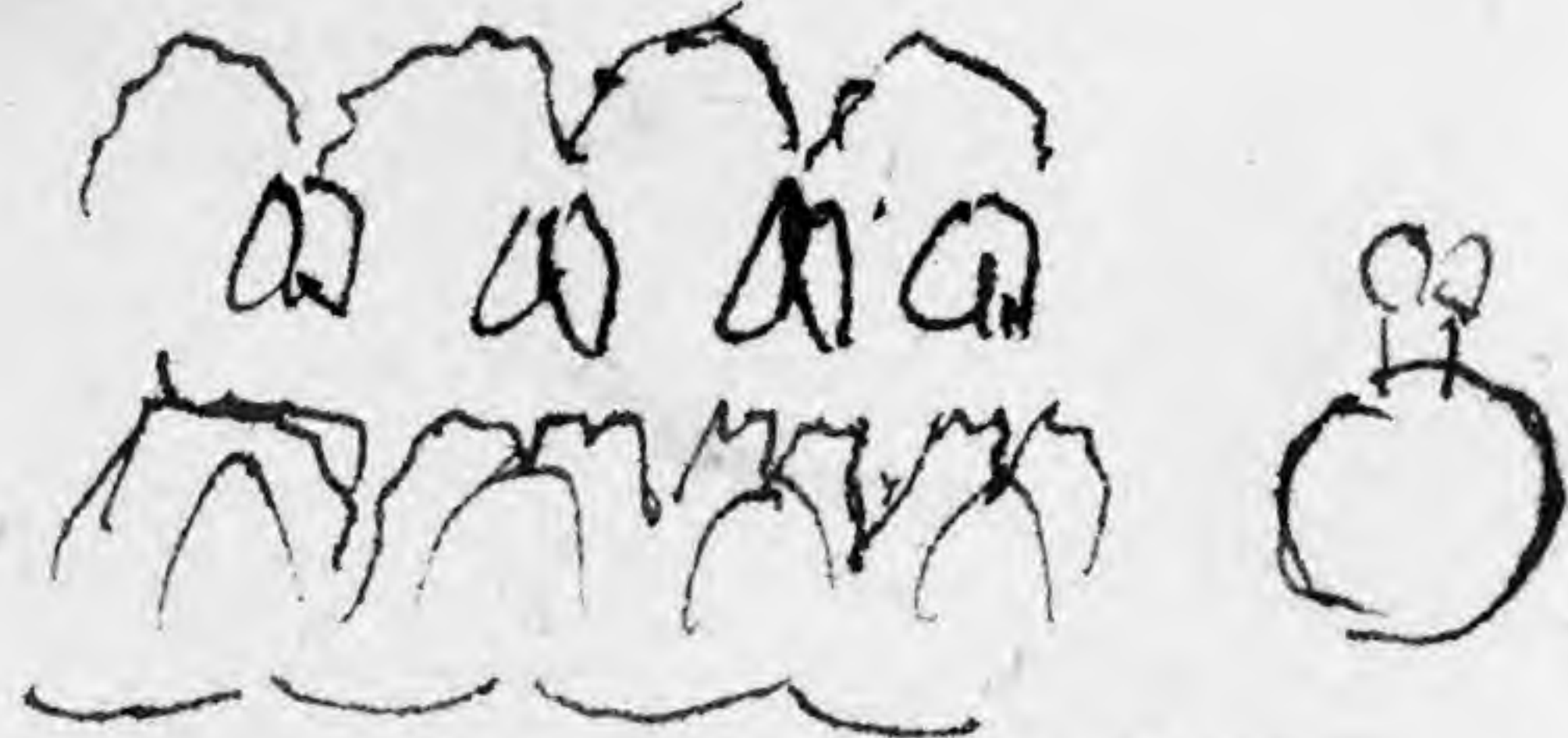
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BOTANICAL  
GARDEN



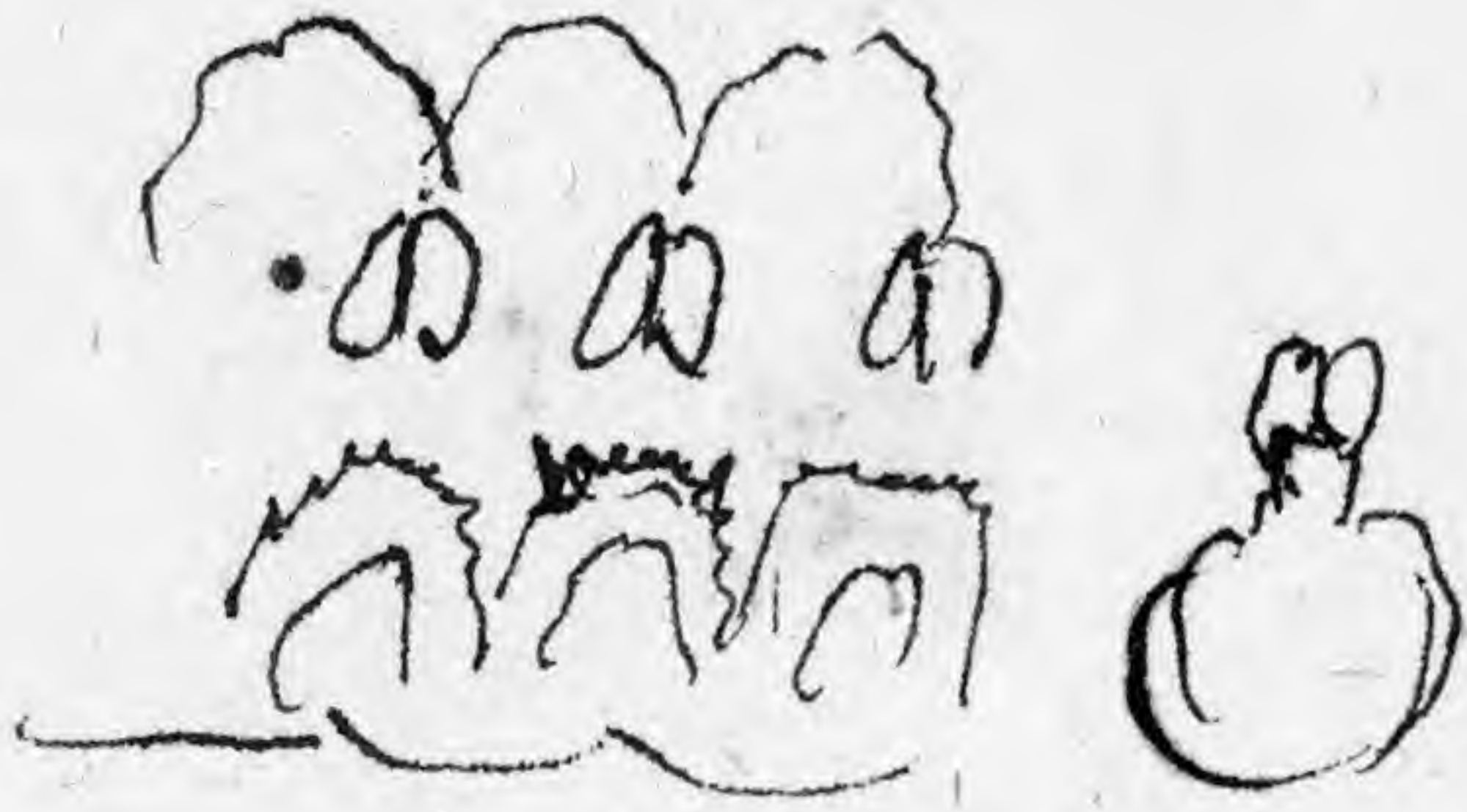
Corolla 1-1/4



Moultpellier *Saliste*  
Hb. Hook. 14.



*Acumelia Trivalis*,  
Hb. Hook



same  
Hb. Vindobon



111  
1.5.



"*Ponicobus Gebige*"  
C. Koch

sga. raris  
augustinus



*Aris minor*  
S. Thunberg - Hb. Jacq



0 1 2 3 4 5 6 7 8 9 10

cm

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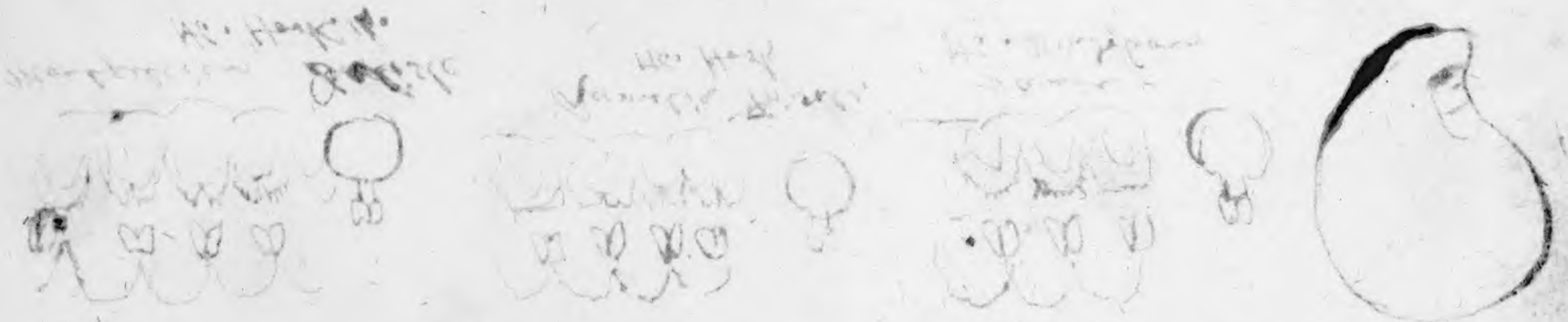
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54 *C. densiflora* Hook fil! var of *C. racemosa*  
 Port Underwood, Middle island New Zealand  
 at Cooks Straits,  
 & Syall leg. Hb Hook  
 Hb Berlin



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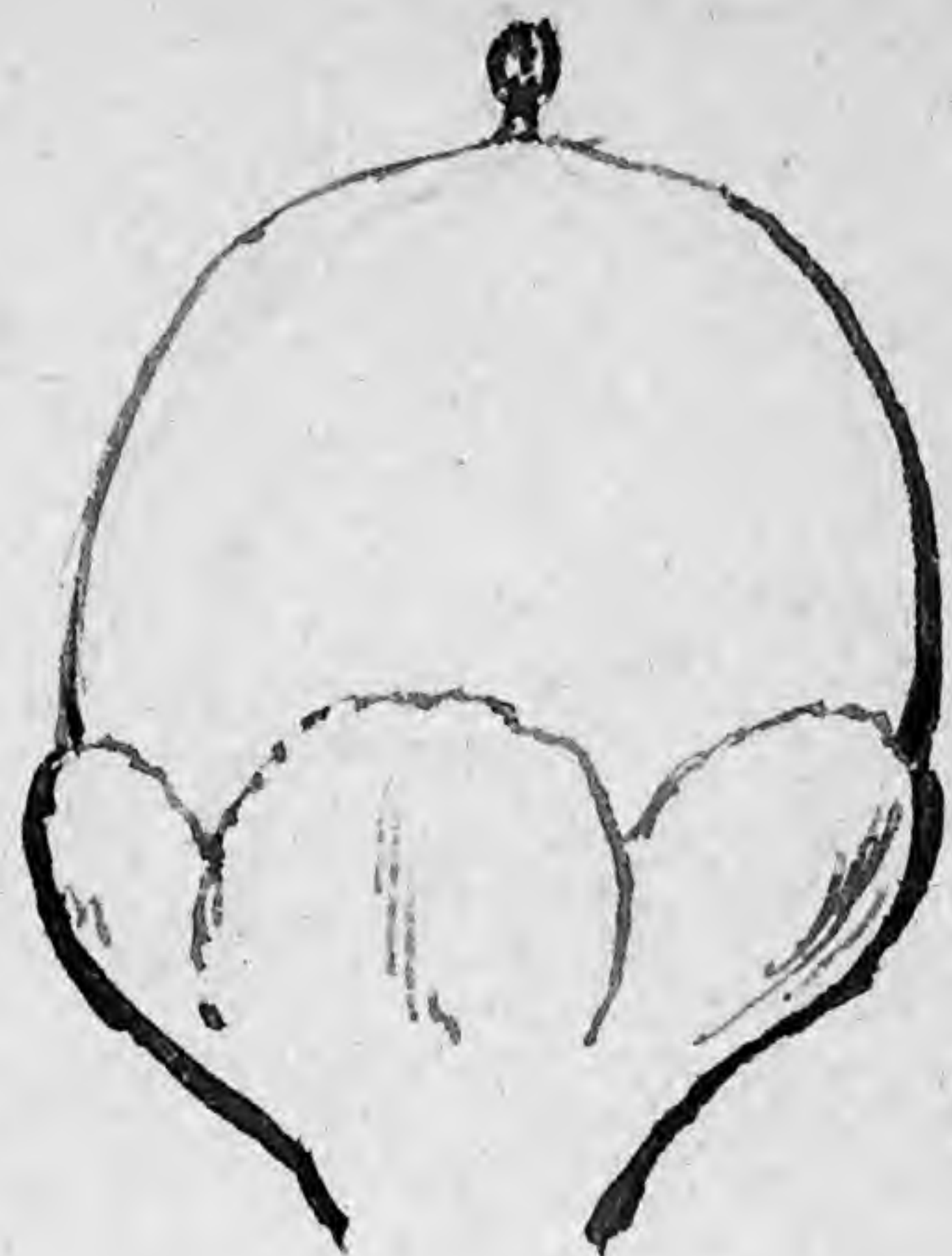
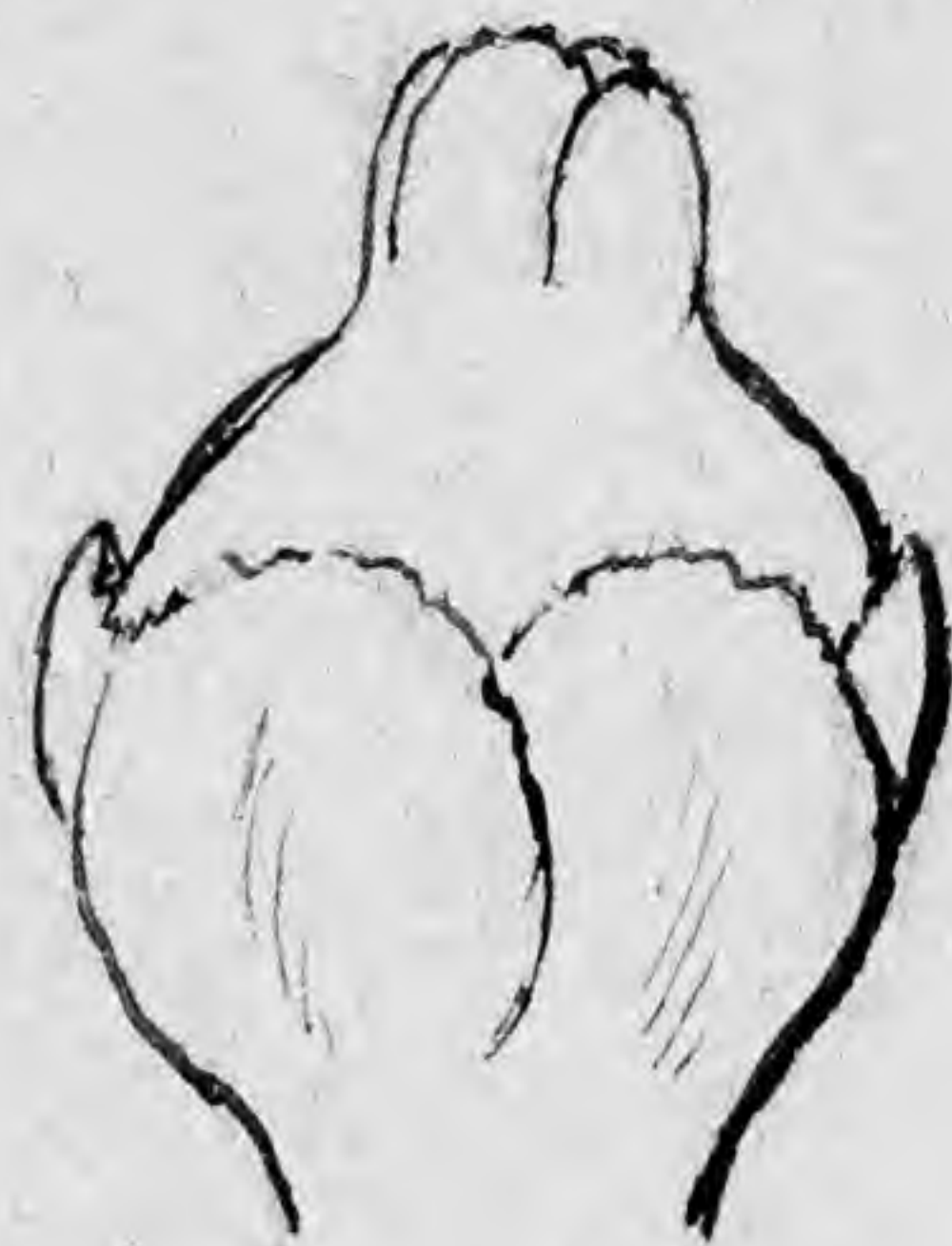
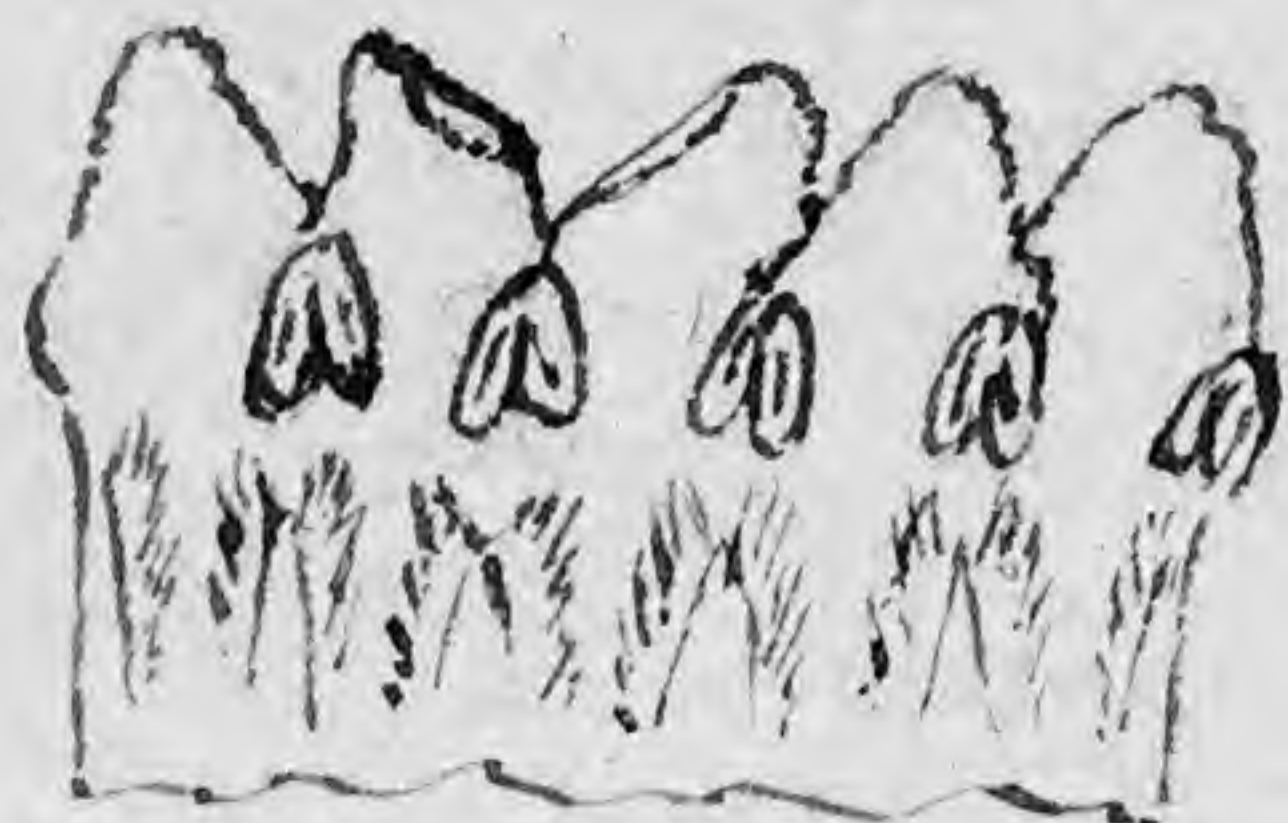


1266



0.

*Cuscuta*  
on *Vitis*, Provence, - Herb. Hook 13. 6.



flower rather past; corolla  
already a little enlarged &  
lifted.

half grown  
capsule

Capsule of  
*fructu Cuscutae*  
Herb. Hook  
11. 9

Mon. Oct 1846



0

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cm

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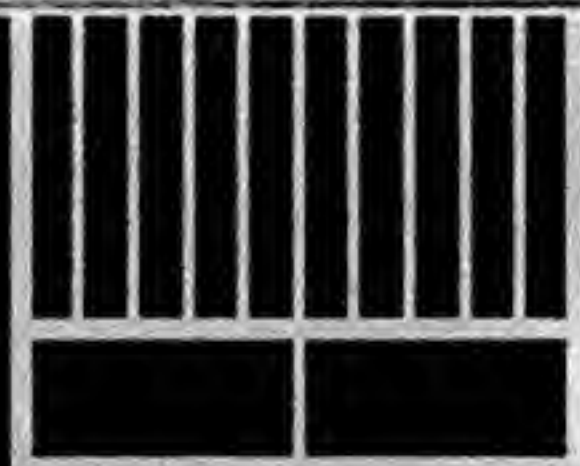


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4972

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cm

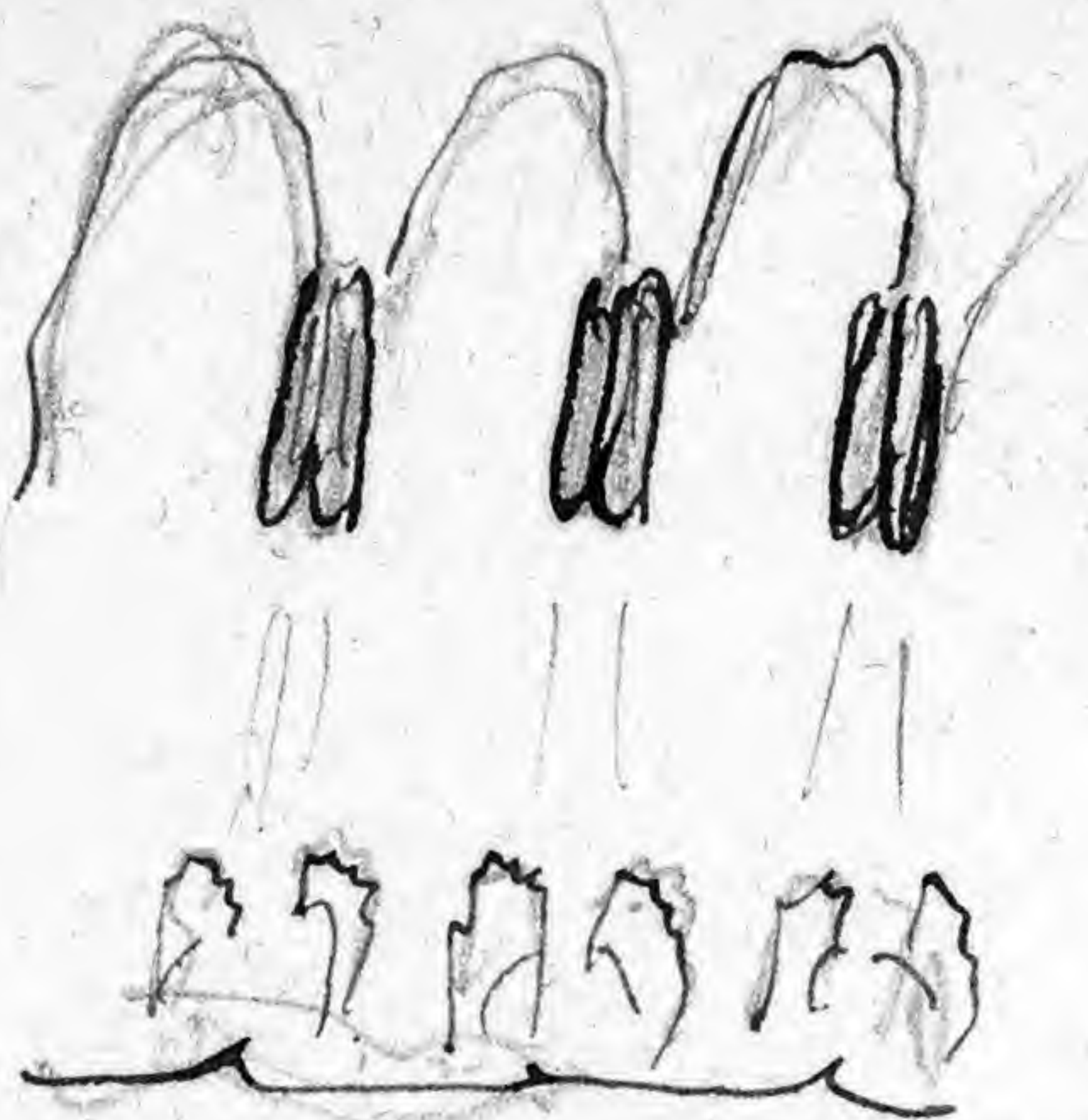
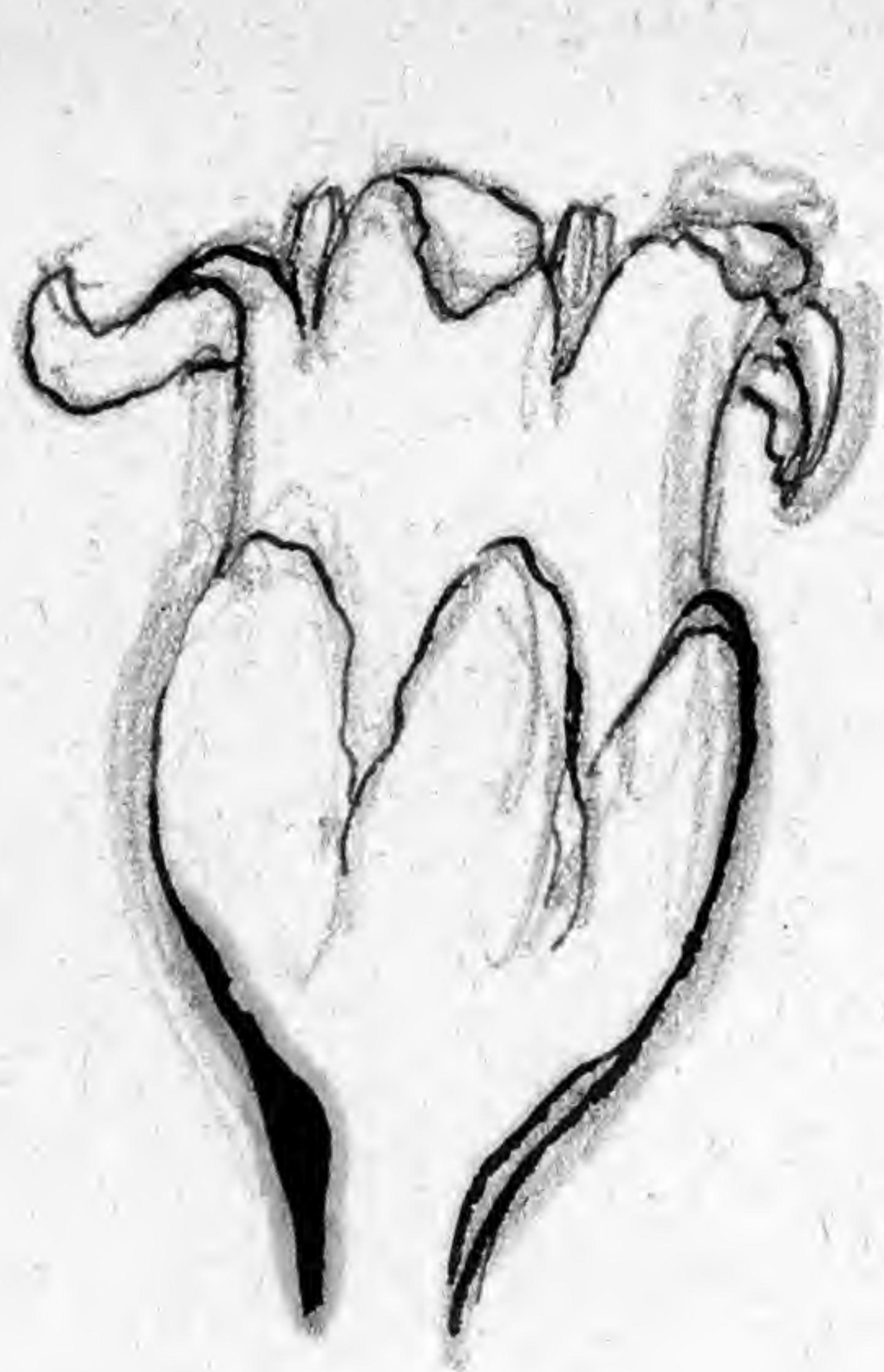
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Paris July 1857



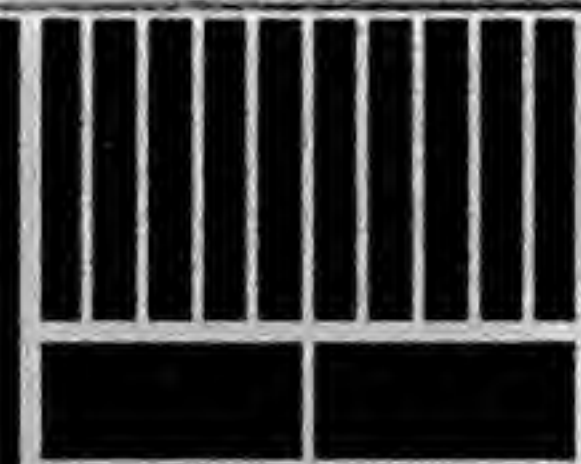
*Donaniaschu*  
in Ungarn

(on *Salix*)

Dr Gerenday

Herb. Copson

Tube longer than calyx, ~~the~~ lobes of  
which are oblong and deeply divided,  
leaves of corolla a little shorter  
than tube — anthers linear,  
scales very small 2 f<sup>ts</sup>, adnate below  
not half as long as tube. Style scarcely  
as long as ovary.



0 1 2 3 4 5 6 7 8 9 10

cm

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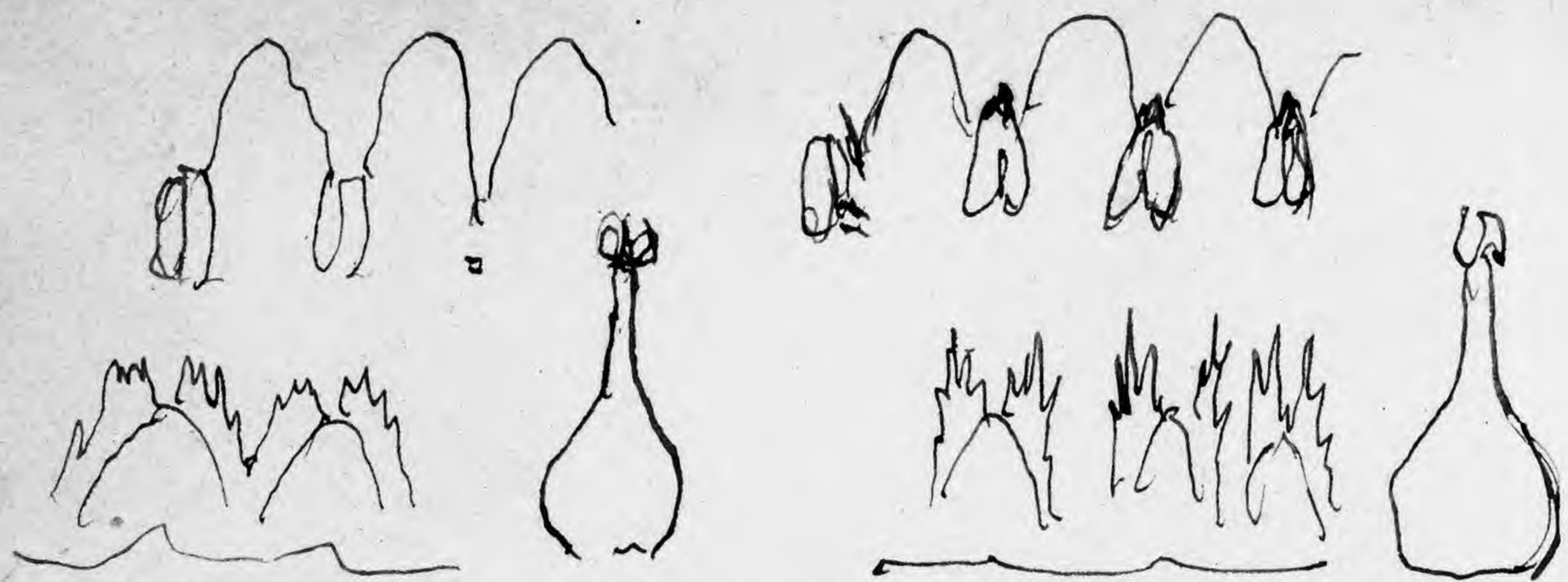
cm

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Breslau, Goepfert. Breslau  
H.C. Hooker



0  
cm

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57 C. recurva n. sp.

Brazil meridionalis Sellow (Sellow) in herb. reg. Berlin

var. ramosa

— Weddell Sellow

var. nuda

— Sellow 499. B.

— Riedel 990 Hb. Hb. Peters

— Riedel xx " " (?)

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4974



0 1 2 3 4 5 6 7 8 9 10

cm

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73

Cusc p. 576.

*P. lupuliformis* Krockh lit  
1787.

Launburg?

Oder, Schlesien

Wien, Arva campestris ad sepes vineam.

Kovats 203 & 559

Donauinsel - Ungaria Gerenday

Kasan, Graff - Hb. Fische

fil 3-4<sup>'''</sup>  
ovule 1/2 - 1 1/4

(Enclosed 528-537)



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

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cm

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GARDEN



*M. lupuliformis*  
var. *asiatica*

*M. discolor*  
s. *brachyanthera*

220

tubo cor. exserto  
lacini ovatis obtusis  
antheris reniformibus  
style ovario — aequante  
capitate  
stigma bilobo

seeds  $1\frac{3}{4}$  L  
caps 2-4

H. 2-2½

(enclosed 532-537)



0 1 2 3 4 5 6 7 8 9 10

cm

copyright reserved

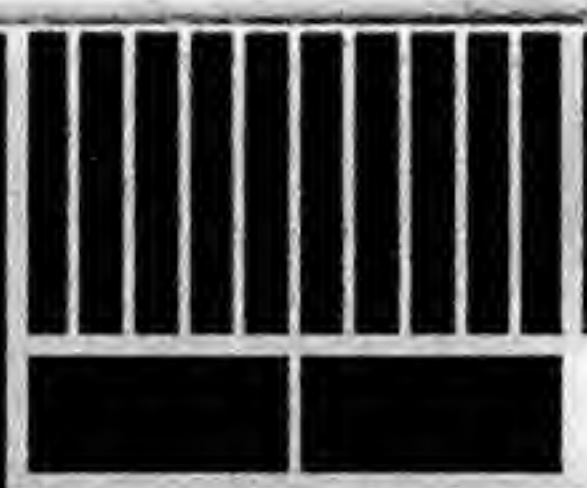


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BOTANICAL  
GARDEN



4976

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0 1 2 3 4 5 6 7 8 9 10

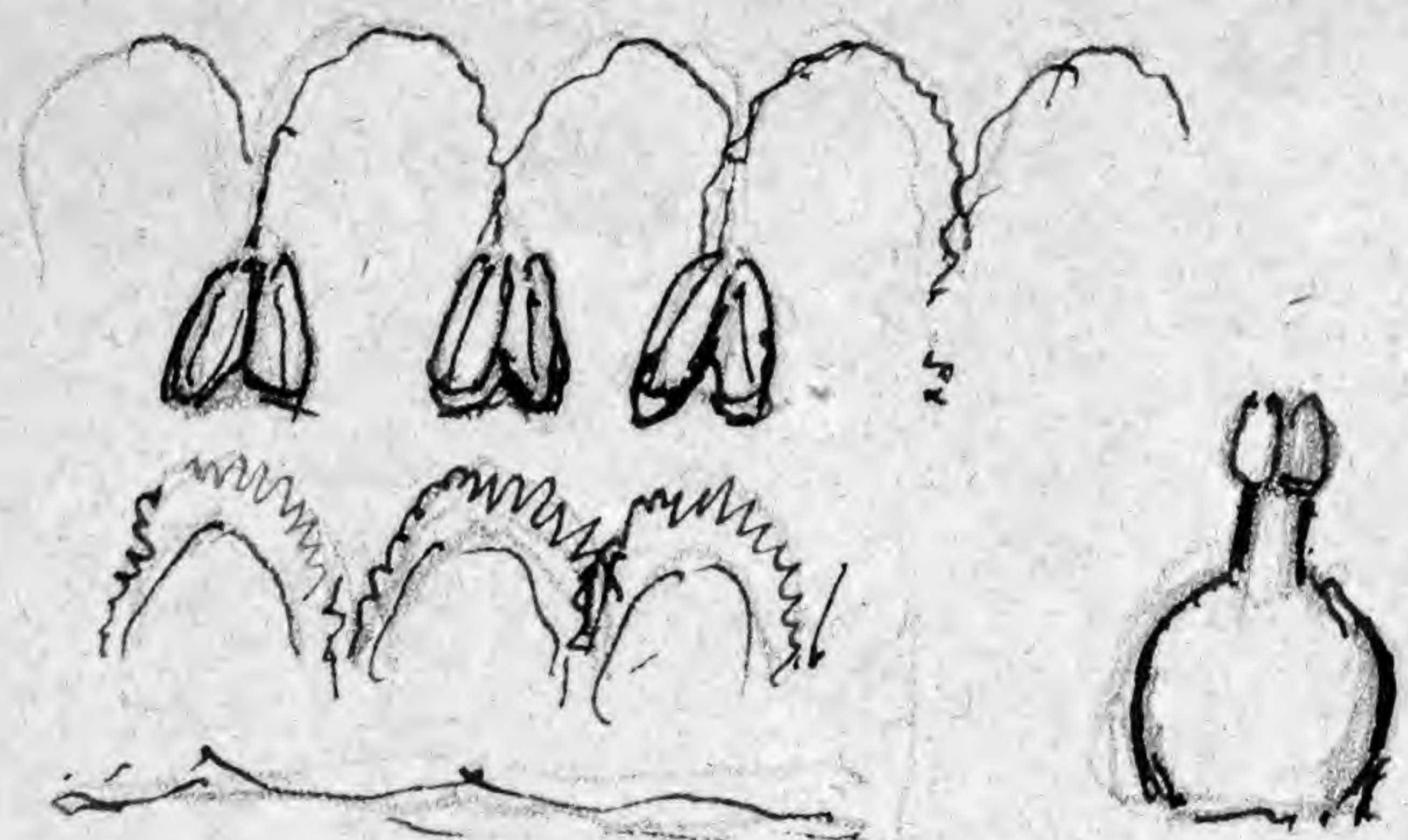
cm

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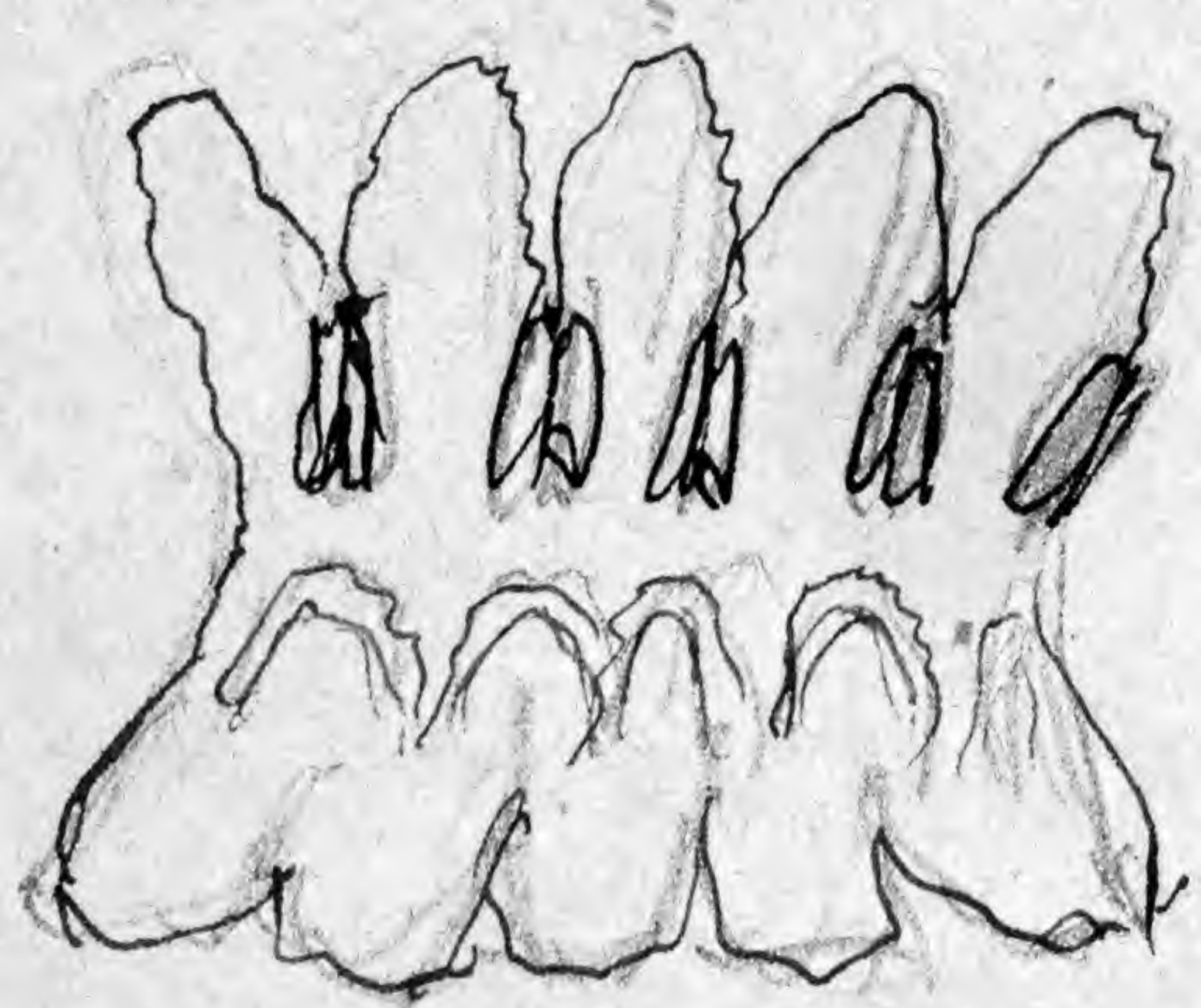
before flowering!

*lyuliformis*  
*C. monogyna*  
*asiatica*

inter Japoniam et  
 Wolgan  
 Scepta in Lathyr

Corolla 1.7 l. long.  
 Fischer 1809

fil. 2 - 2 1/4 long  
 pedicel  
 Hb. Herb. Petrop



after flowering!

this is *monogyna asiatica*

~~Present in Caucasus & Persia  
 also in the Alps!~~

121.6



0 1 2 3 4 5 6 7 8 9 10  
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*Epithymum*

calycis latiore

3 stig. longior

3 styl. longior

cal. angustiore

stig. longior

styl. longior

longior

Cal. angustiore corolla majori  
= *Trifolium*

*C. latiore* brevior

corolla brevior

= *Epithymum*

*C. Trifolium* is the form on Clover bearing  
on a more rounded plant  
with a more rapid  
leaves growth

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4

Krocken Flor. Silesiana  
vol I. 1787

Tab. 36



*Cuscuta  
lupuliformis  
cum floribus  
et capsulis*

J. D. Philippin geb. Hjang. 16



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

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aut. Probes Flora  
filetiaca



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