

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.

11

III. Articulati

4. Caudati

633-706



0 1 2 3 4 5 6 7 8 9 10

cm

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[Faint pencil sketches of botanical specimens, possibly seeds or small plants, scattered across the page.]

9651



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42 J. Esper n. sp.

XXVII. Tertiary syphilis is refractory to treatment, unlike the herpetic or rheumatismal diatheses.

XXVIII. In tertiary syphilis mercury almost invariably fails—iodine is an admirable palliative; but a hygienic course presents the most effective resources against tertiary syphilis.

From the above it will be seen that this contribution of Dr. Diday to Syphilography abounds in ingenious and novel views, presented with admirable lucidity and precision. The foregoing doctrine has been forced, as it were, upon him, by the facts which presented themselves to his observation; for, some time ago, he occupied a position very different from the last platform he has adopted. He had to yield to the uncompromising evidence of accumulated facts. He stands now quite in advance of any modern syphilograph, and is making numerous proselytes. He has cleared many doubts and laid the foundation of a rational method of managing this formidable enemy of modern society. May we soon have a good English translation of his admirable work on the Natural History of Syphilis.

allied to candidus
6-candrous

Philadelphia
New Jersey

Roadside
Leidy
Aug 28

Quakerbridge
C. Pickering

H. Schweinitz

653-6

Compan J. rudis Kth p. 333 Steud. no 78
J. rugosus Steud. no 46 Benth
The only asperite ones!



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seed 70 mm x 30
60 mm x 27
Whole length 150

after guard of the boat, where a cooler than in the cabin. In half an hour I was called again and found that the hemorrhage had returned. I placed my finger on the common carotid and checked it at once, and after consulting with Prof. Stevens, Drs. Judd and Dodd, determined to ligate the carotid. The operation was performed in the usual way, and the artery tied without difficulty. The wound was, however, left open for the free anastomoses of the internal carotids and vertebral. I expected a recurrence of the hemorrhage, and determined, if it should occur, to place a ligature so that it would occlude both the internal and external arteries. I had not long to wait. In three hours hemorrhage returned, and now as before, assisted by the gentlemen named above, I extended the cut a little higher and sought the bifurcation of the common carotid, found it and placed a ligature around both the internal and external carotids. From this time no hemorrhage occurred, but on the 12th the patient died from prostration. Post mortem examination showed that the inferior maxillary furnished the blood.

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Imbricatus

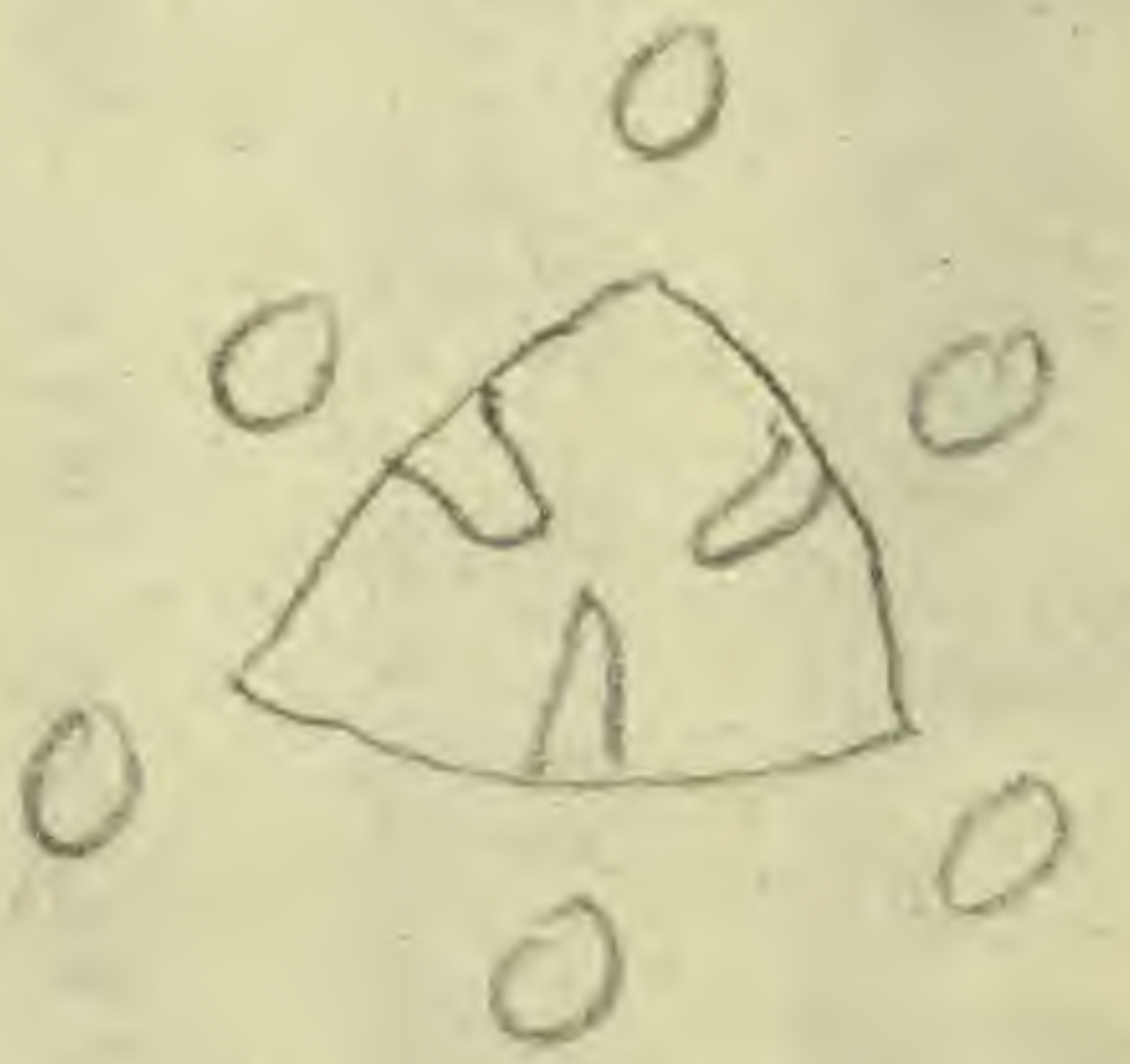
Dec 4

1865

Hb. Durand sine loco



pistil from
a specimen in
Hb. Ac. Photo. 2.



6 and more!

sepals very hard
& thick
estramineo
capsule yucca

Capsule nearly
trilocular
at base



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Cor. 4th & Olive Sts., St. Louis.

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Juncus asper

Feb 20 1868



x 150

surface of nucleus

x 150



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J. asper

Remarks of Chs E Smith in his herb.

Belonging to paradoxus; long purple tails to seed

Large dark pods

Heads few flowered, 2-5 flowered

Sheaths papillose roughened

It grows with the form Y (which I suppose to be true paradoxus. The area is restricted, but specimens of both plants are numerous I found it in 1864 and 1865

It would seem to be either a variety of paradoxus or a species, but in either case, so far as I can find, not described.

Griffith's marsh N Jersey 6 1/2 miles from Philadelphia
(Sphagnum swamps) Sept 1865

Southward. Quaker bridge is in same tract 40 miles

Sepals strongly nerved shorter than large, dark purple
shining, abruptly acute pod



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43 *J. caudatus* Chapm

J. erythrocarpus Chapm. Flor. 495 Mrs. Oliver

J. ... 3-6 andrus

637-642

116

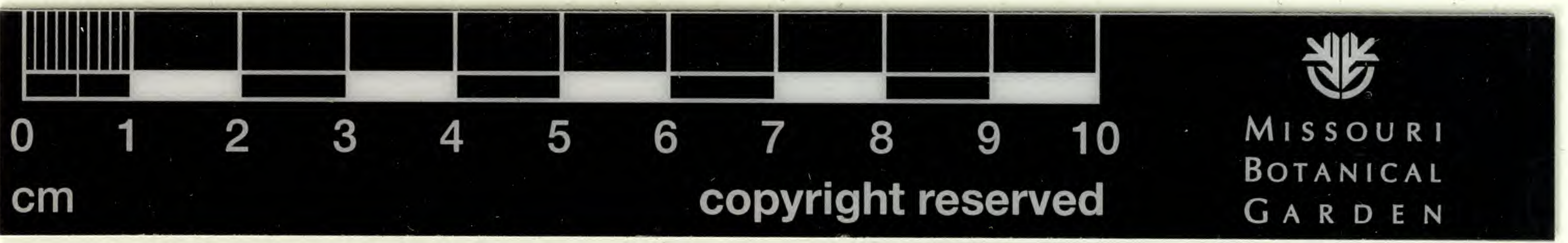
TRANS. OF THE ACAD. OF SCIENCE.

IV. Direction of Winds and number of Thunderstorms in '61 & '62.

1861.												1862.	
	E.	N.	N.E.	S.W.	N.W.	S.	N.W.	S.E.	Prevailing Winds.		Th. st's.		
January.....	11	3	12	22	38	18	28	61	S.E.	0			
February.....	4	2	2	35	24	19	41	60	S.E.	2			
March.....	12	11	10	23	30	19	42	40	W. & S.E.	3			
April.....	16	10	9	26	21	35	34	26	S. & W.	2			
May.....	26	10	23	21	8	13	49	35	W. & S.E.	5			
June.....	12	21	22	20	25	26	8	41	S.E.	7			
July.....	3	31	14	21	26	46	15	29	S.	3			
August.....	18	24	58	17	11	18	3	37	N.E.	5			
September...	6	14	18	26	30	13	21	52	S.E. & N.W.	3			
October.....	12	9	5	21	30	33	30	46	S.E. & S.	1			
November....	7	15	8	22	27	20	36	44	S.E. & W.	1			
December...	9	19	9	25	23	33	17	51	S.E. & S.	0			
	136	169	190	279	293	293	324	522	S.E.	32			
Jan.....	19	6	19	29	3	38	51	38	S.E.	1			
Feb.....	14	9	18	22	7	39	43	39	S.E. & N.W.	0			
March....	9	14	3	59	10	34	43	43	W., S.E. & N.W.	4			
April.....	12	13	18	18	11	34	47	47	S.E., N.W. & N.E.	6			
May.....	12	18	14	18	30	14	44	44	S.E. & N.E.	5			
June.....	3	29	24	8	36	26	23	23	S., S.W., N.W., N. & S.E.	6			
July.....	5	25	17	2	24	31	77	77	S.E.	10			

Trigonostemon Steud. Plum?

yes!



Seam 54-58 mm long
 20-23 wide
 120-145 - whole length

Additional Remarks on ATMOSPHERIC ELECTRICITY.

By A. WISLIZENUS, M.D.

The delay in the publication of this volume enables me to add to my observations of atmospheric electricity in 1861, the result of my observations in 1862. The latter observations have been made in the same manner and by means of the same fine glass thread, which, after many thousand torsions, proves as good as ever. I present herewith in tabular form the general result of my observations in 1861 and 1862.

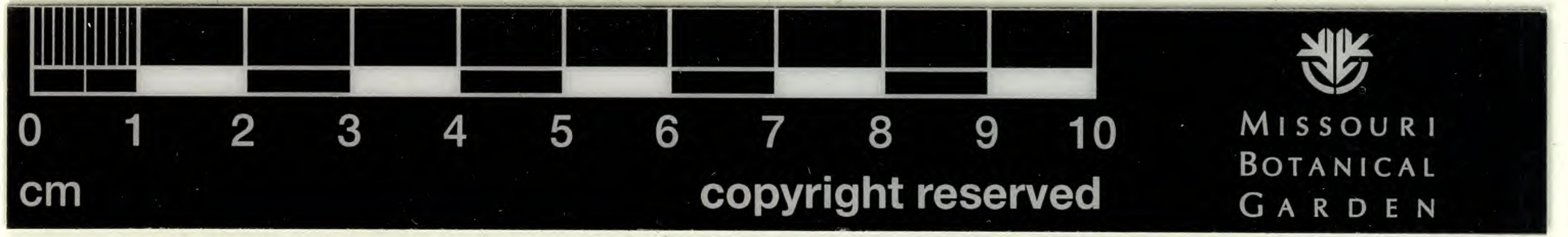
I. *Monthly mean of Positive Atmospheric Electricity in 1861 and 1862, at St. Louis, Mo., based upon daily observations at 6, 9, 12, 3, 6 and 9 o'clock, from morning till night.*

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1861*	16.5	12.1	9.8	8.8	7.8	4.0	3.7	3.4	3.0	7.1	10.0	14.3	8.4
1862...	12.1	16.0	9.4	10.6	7.5	3.0	2.2	2.3	3.0	7.7	12.6	13.9	8.4

* This table of 1861 differs in some decimals from that published on page 66 and in Diagram No. 1. Having discovered some errors, I calculated all my observations once more, and give now the present as the correct.

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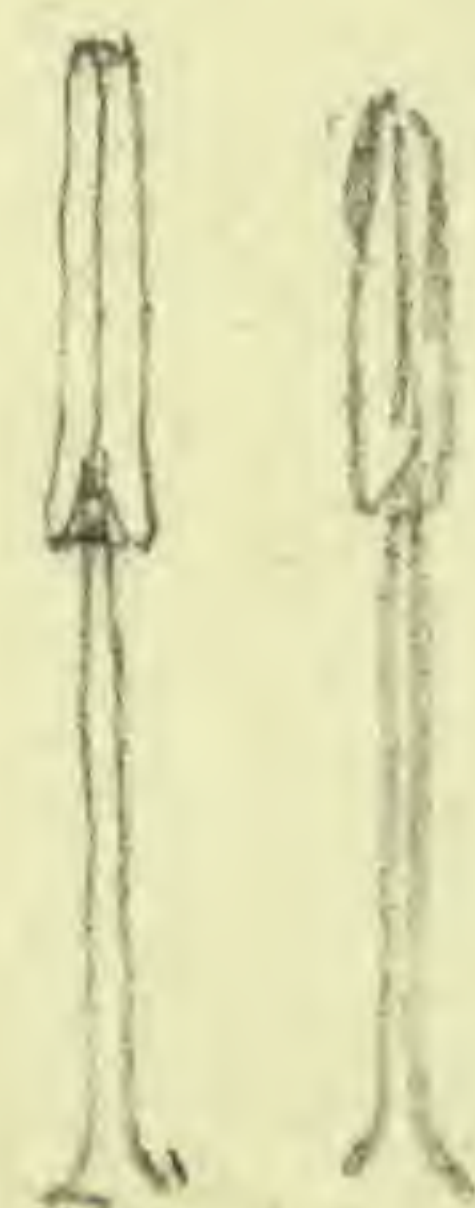
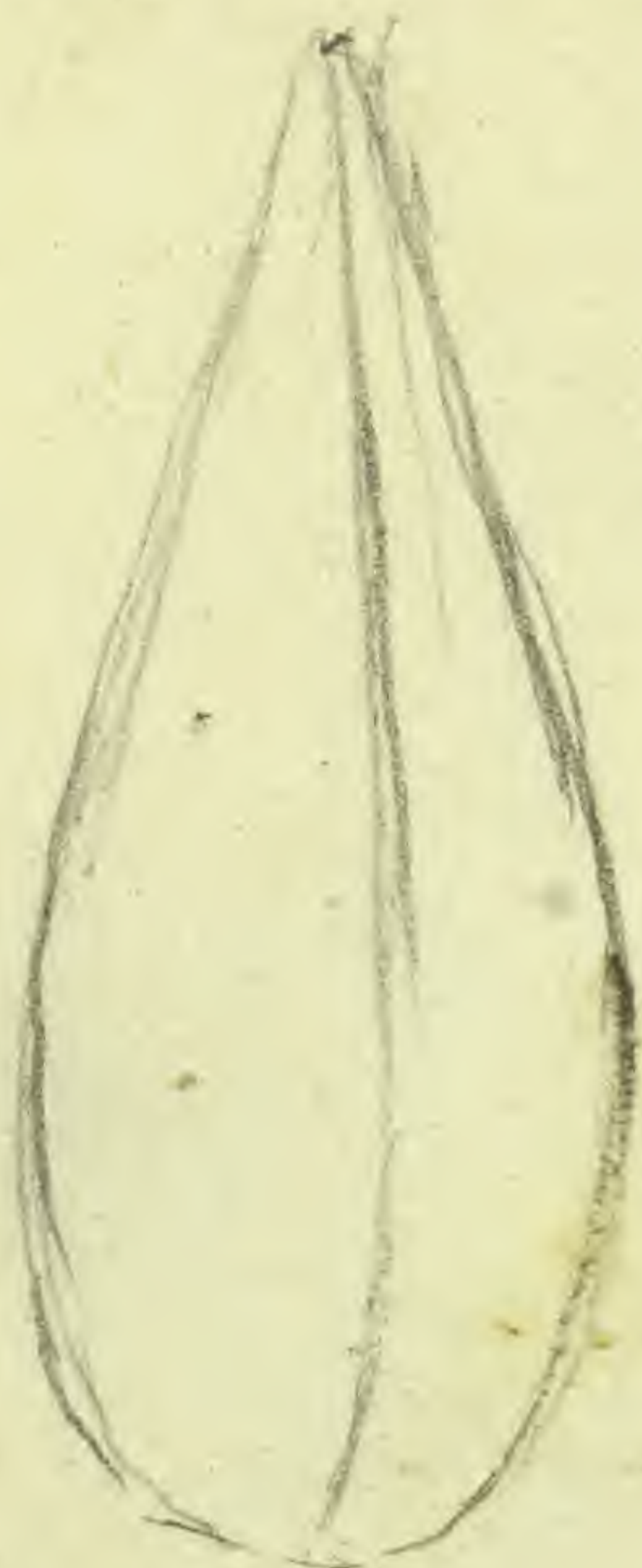
Juncus caudatus Chapm.

Oct 6 1865

acuminatus Ell ? (Curtis)

Chapm. Flor. Alab.
Herb. Gray

x60



Chapm.
Sax; Bonds
Oct 2 p. 31
always 3
and
Fl. Alab.
S. Carolin

sepala externa naviculata
lanceolata, acutiuscula, indistincte
5 nervia
interna acuminata
subulata plana, 3 nervia
stamina sepala externa
aequantia



Capsula
pyramidalis
atrorubens
obtusae angulata
semi-trilocularis

4 150



0 1 2 3 4 5 6 7 8 9 10

cm

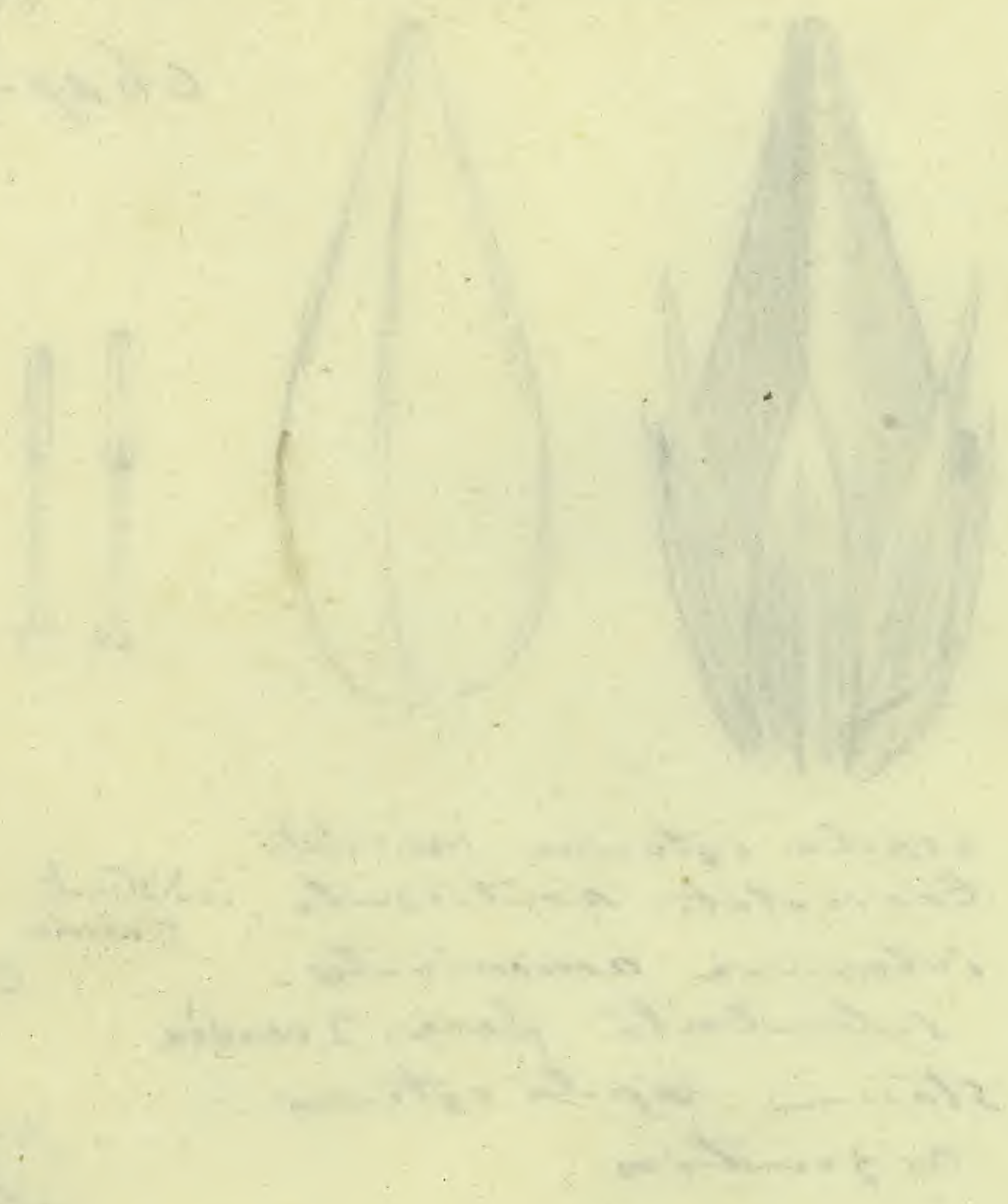
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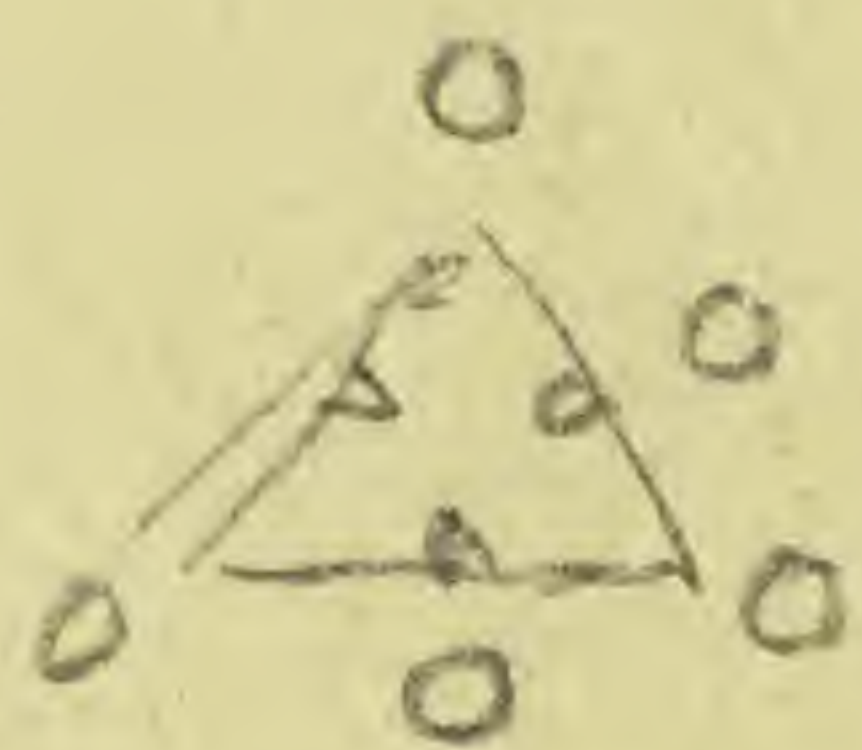
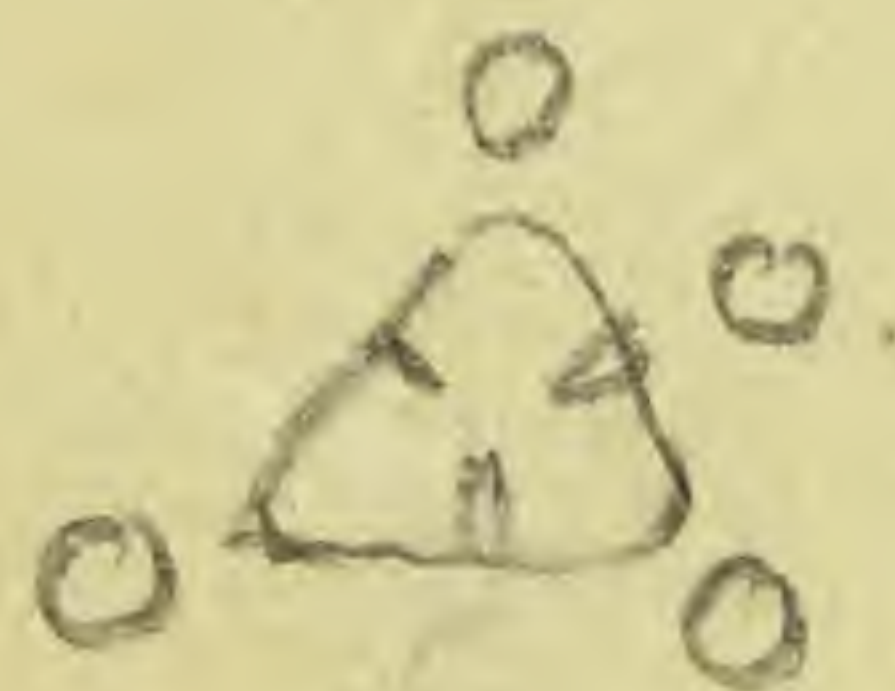
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J. candidatus

Dec 12 1855

Alabama, Bigelow, - Hb Gray

Stamens in 3 flowers
which I examined. 4



seen once or
twice



seen once



Louisiana, Hale
- Hb. Gray
var. *exp. virid*

3-anded,



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cm

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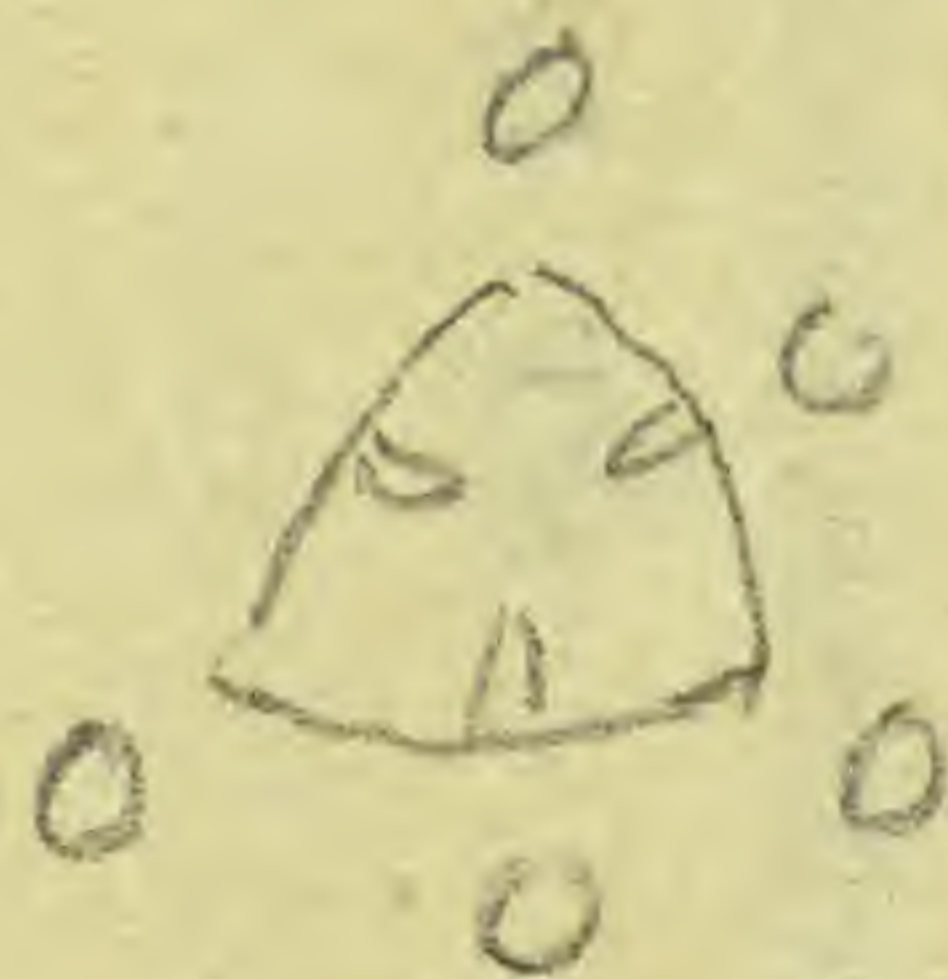
J. caudatus Chap

Febr 15 1866

Chapman visit Febr 1866 in lit



style very short



usually 5
stamens

sepals exterior naviculata
5 nervis

interior (3-5) nervis
subinde soli nervi 3 distincti



0 1 2 3 4 5 6 7 8 9 10

cm

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SOUTH-EAST CORNER FOURTH AND MARKET STREETS

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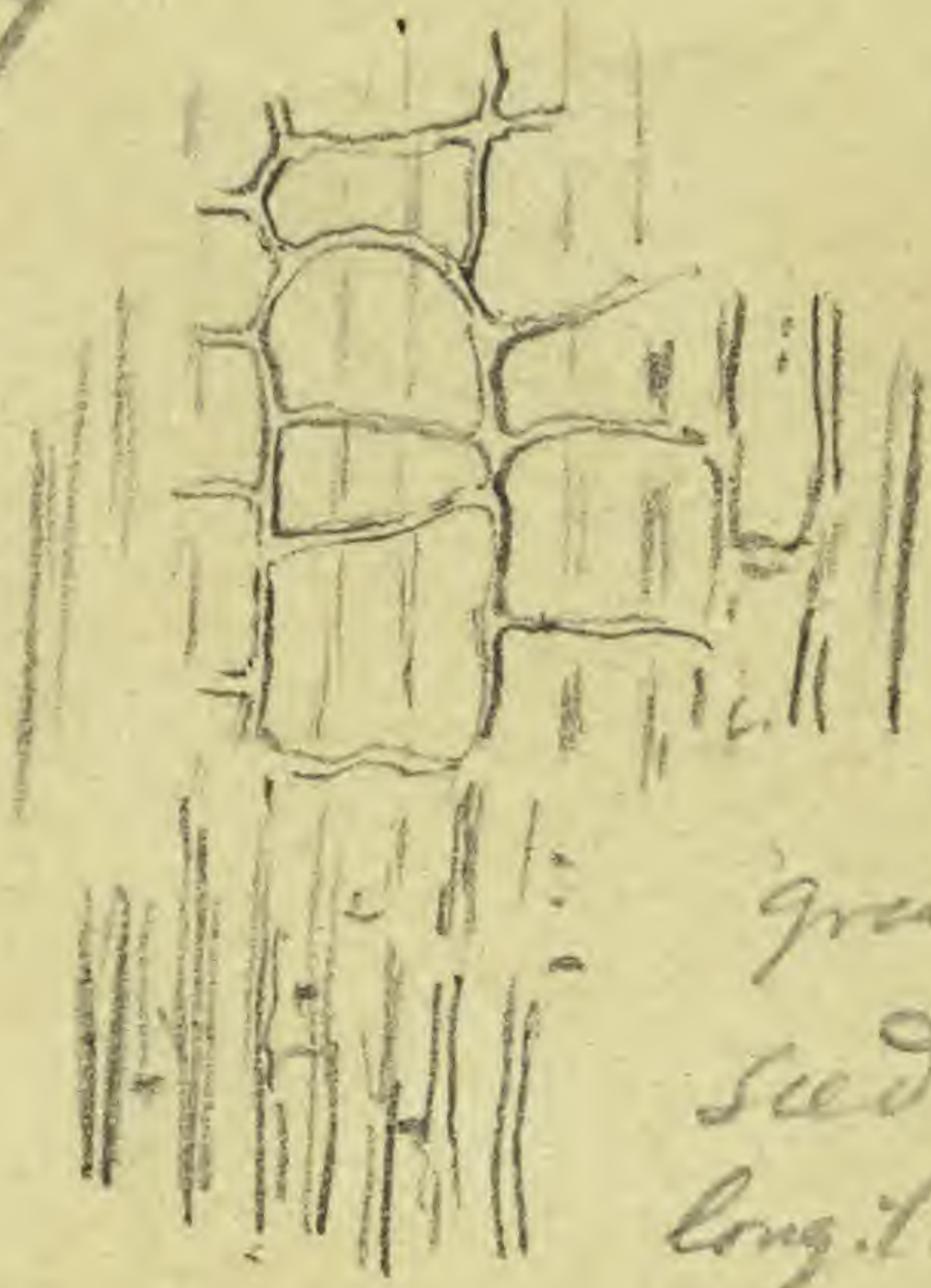
MISSOURI
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Juncus caudatus

Dr J. Hale, Louisiana
- Hb Gray

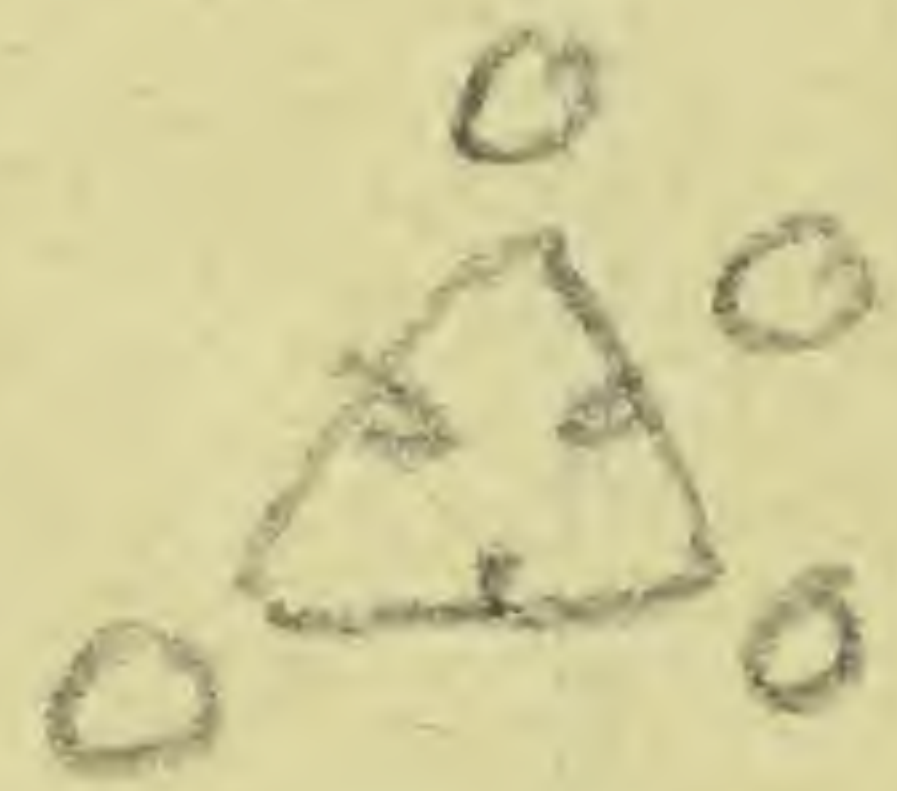
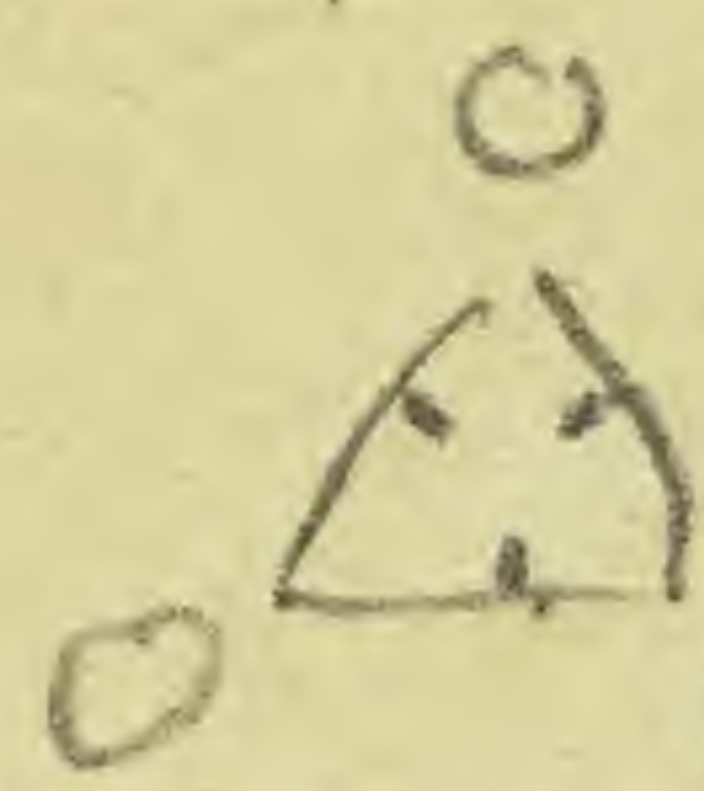
Feb 18 1866

x60



x150

greatest part of
seed with close
longitudinal striae
here and there, on
the greatest convexity
of the seed, reticulate
usual case



rarer



0 1 2 3 4 5 6 7 8 9 10

cm

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SOUTH-EAST CORNER FOURTH AND MARKET STREETS

ST. LOUIS.

W. ALEXANDER,

ST CORNER FOURTH AND MARKET STREETS

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9660B



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cm

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J. candidus

Febr 17 1866

"*J. erythrocarpus*" Chapman, Florida ex Herb Carey in Hb. Gray
 3 flowers examined, each with 3 stamens
 specimen scarcely in flower yet 3

"*J. polycephalus* var *erythrocarpus*" Chapman, Florida, ex Hb. Hook
 just after flowering in herb Gray
 2 flowers with 6 stamens
 2 - - - 5
 1 - - - 3

"*J. candidus*" Chapman, Florida, misit 1866 - Febr.
 1, specimen just after flowering 1 flower " 3
 1 " " 5² or 4
 4 - - - 5
 2, specimen in fruit 4 - - - 4
 1 - - - 3
 Louisiana, Heles, in Hb Gray 5 - - - 3
 1 - - - 4

"*J. aramiratus* Michx" S. Carolina Curtis in Hb Gray
 1, fruit 3 specimens 2 - - - 3
 2 very young before flowering 1 - - - 6
 1 - - - 4
 4 - - - 3

"*J. erythrocarpus* Chapm"
 Alabama Bigelow, ex Hb. Carey
 in Hb. Gray 4 - - - 4
 1 - - - 6
 2 - - - 3

4 flowers with 6 stamens
 9 - - - 5
 11 - - - 4
 16 - - - 3

39 flowers 48 specimens



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ST. LOUIS.

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J. densiflorus W.B.K.

631

116

TRANS. OF THE ACAD. OF SCIENCE.

IV. Direction of Winds and number of Thunderstorms in '61 & '62.

1861.		E.	N.	N.E.	S.W.	N.W.	S.	S.	W.	S.E.	Prevailing Winds.	Thunder- storms.
January.....	11	3	12	22	38	18	28	61	S.E.	S.E.	0
February.....	4	2	2	35	24	19	41	60	S.E.	S.E. & N.W.	2
March.....	12	11	10	23	30	19	42	40	W. & S.E.	.....	3
April.....	16	10	9	26	21	35	34	26	S. & W.	.....	2
May.....	26	10	23	21	8	13	49	35	W. & S.E.	.....	5
June.....	12	21	22	20	25	26	8	41	S.E.	.....	7
July.....	3	31	14	21	26	46	15	29	S.	.....	3
August.....	18	24	58	17	11	18	3	37	N.E.	.....	5
September...	6	14	18	26	30	13	21	52	S.E. & N.W.	.....	3
October.....	12	9	5	21	30	33	30	46	S.E. & S.	1	
November....	7	15	8	22	27	20	36	44	S.E. & W.	1	
December...	9	19	9	25	23	33	17	51	S.E. & S.	0	
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Feb.....	14	9	18	16	22	7	39	43	S.E. & N.W.	0
March...	9	14	3	15	59	10	34	43	W., S.E. & N.W.	4
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May.....	12	18	14	38	18	30	14	44	S.E. & N.E.	5
June.....	3	29	24	16	8	36	26	23	S., S.W., N.W., N. & S.E.	6
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9662

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cm

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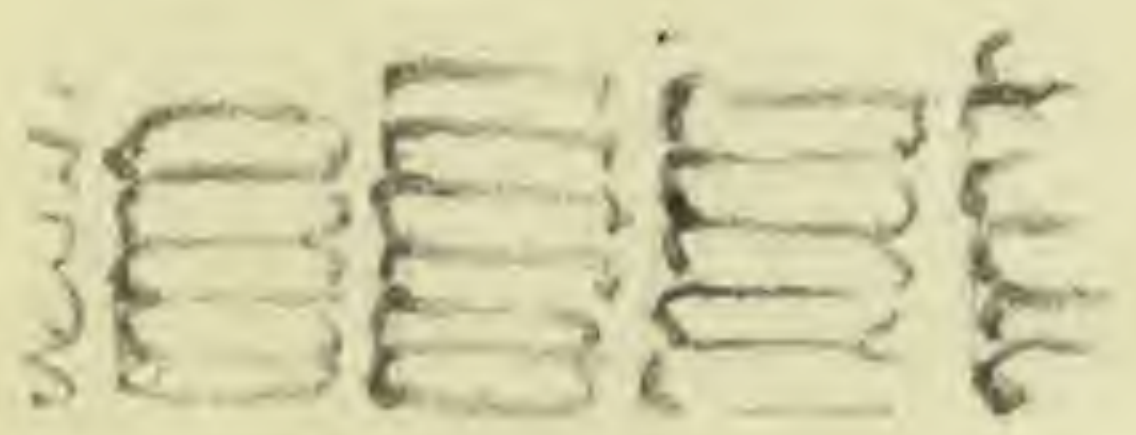
Juncus

Dec 10. 65

Roadside at Griffith's Aug. 28

Hb. Ledy

x 60



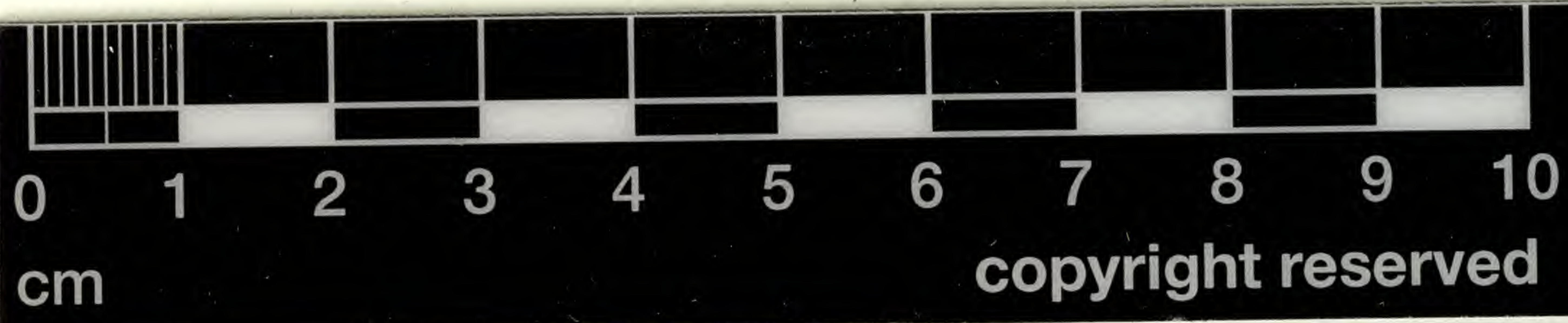
x 150



ext sept
 indistinctly
 7 ribbed
 distinct only
 in dry state
 nervation
 concave


int sept
 flat
 distinctly
 5 ribbed
 ripe fruit

edge of
 leaf
 x 60



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"*Juncus densiflorus* HBK!" Febr. 6 1867

specimen fructiferum

Ex Herb. Mus. Paris 1866

x60



about 7 ribs visible



x150

x10



J. densiflorus HBK

En. 3: 328

triandrus!

capsula acuminata!

this must therefore be
something else



0

1

2

3

4

5

6

7

8

9

10

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"*J. densiflorus* HBK!"

Febr 7 1867

specimen floriferum

Ex Herb Mus Paris 1866

x 10



sepala exteriora

parto longiora ["breviora" Kunth En 3, 338

shape of ovary (and probably capsule) distinguish it from
scirpoides



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