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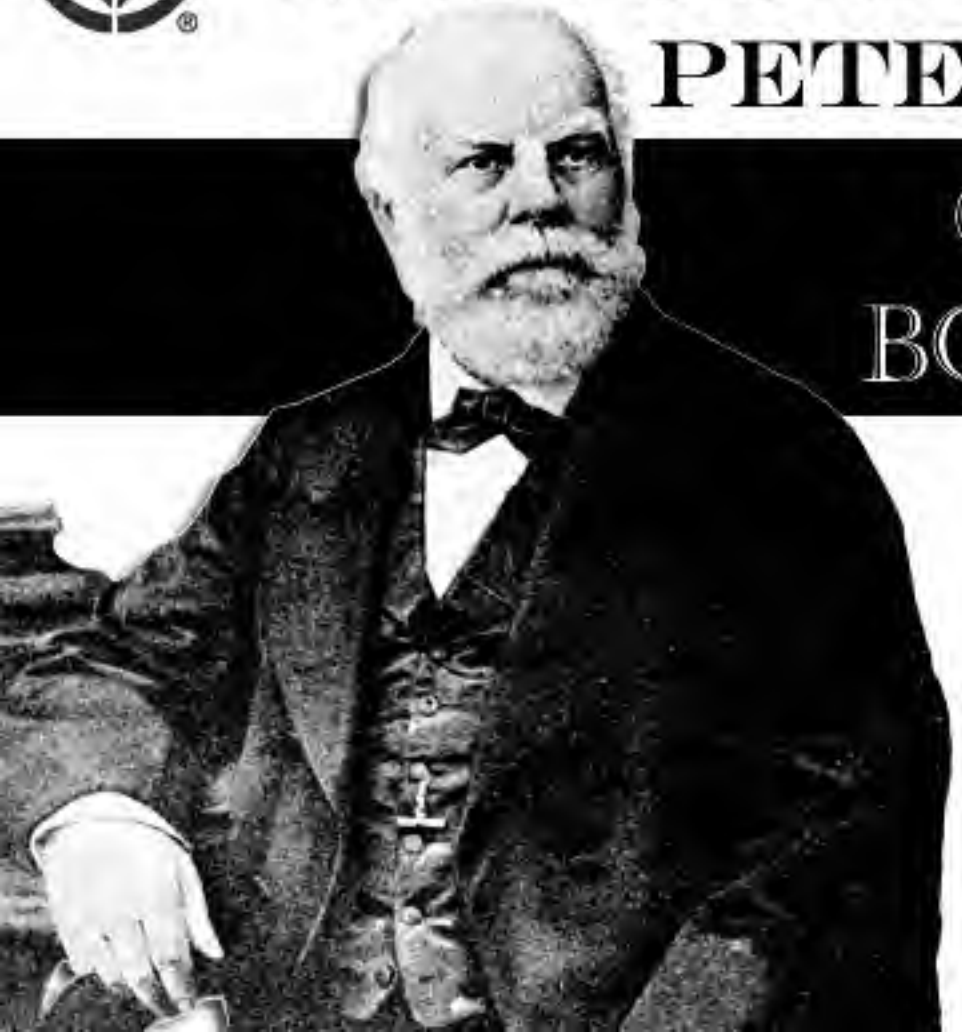

GEORGE ENGELMANN BOTANICAL NOTEBOOKS

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.

231-241

SURGICAL CASES.

ART. III.—*A Peculiar Manner of Ligating the Carotid Artery.* By JOHN T. HODGEN, M. D., Professor of Physiology in the Saint Louis Medical College.

A soldier having received a gun shot wound, July3d, whilst i the trenches at Vicksburg, was removed from the regimenta hospital to the U. S. Hospital Steamer Crescent City for trans portation to Memphis.

On examining the case it was found that the ball had entere the mouth and escaped just above the angle of the lower jaw (the right side.

The patient was prostrated from the loss of blood, though n hemorrhage had occurred for the last two days. On the morn ing of the 9th, I was called in haste by the nurse, who informe me that the patient was bleeding to death. I found arteria blood flowing freely from the wound and mouth. I immediatel plugged the wound with lint, saturated with a solution of pe chloride of iron, and held a roll of the same material saturate in like manner to the spot from which the blood issued inside

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XXV. An important indication is to maintain or restore rganic forces to a condition equal to the task of eliminating he virus. This is best obtained by a tonic and sustaining ourse, and namely: 1, by a nourishing and substantial diet, to vhich may be added the use of some pure old wine or light timulants; 2, by the breathing of pure air, walks in the country, nd frequent bathing; 3, by sufficient quiet sleep; 4, a residence n a dry room, well exposed to the light of the sun; 5, by a quiet, egular and continent life; 6, by the abstention of tobacco, for obacco keeps up and propagates syphilis; it keeps it up, for ıucous patches are not cured so long as the patient smokes; obacco propagates syphilis, because a pipe-stem may transmit he virus.

XXXVI. Tertiary syphilis is not one of the periods of syph-lis; it is syphilis which, from an enpoisoning, has become a iathesis, which, from an essentially transitory has passed into n essentially permanent state. It is not contagious; it is due o either the force of the virus or to the want of resistance of

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Ipomoea castanea Smith Aug 19 1865

Colorado, Hall, 566

x60

x10

In one instance seen 7 complete and an 8th incomplete stamen

x60

Testa loose easily removed from seed

3½ mm long

Test. quite ripe

seed stripped of testa

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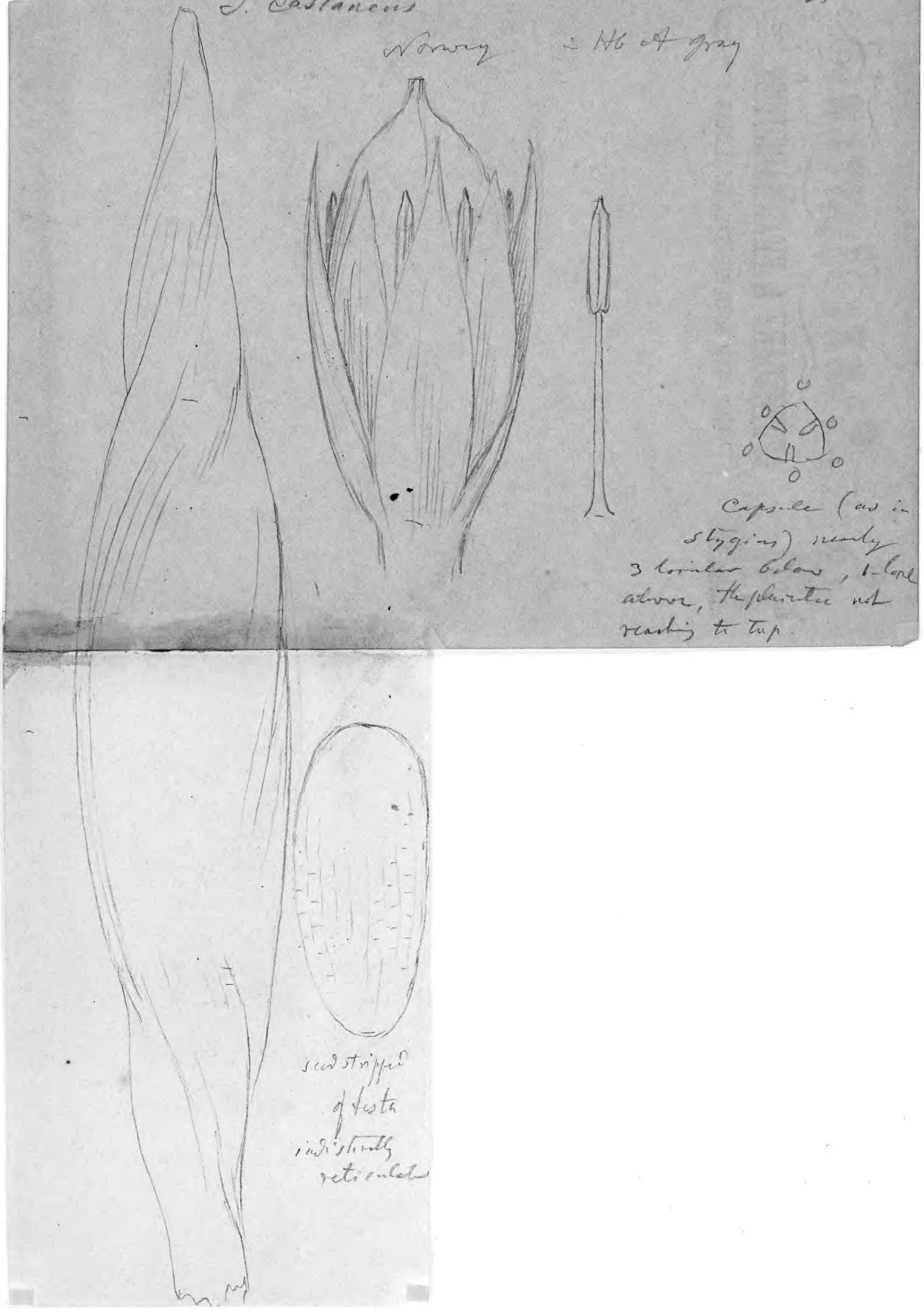
T. castaneus

Nov 22 1865

Norway = Hb of Gray



Capsule (as in stigma) nearly 3 lobular below, 1-celled above, the placentae not reaching to top.

seed stripped of testa individually reticulate

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I. Castaneus

Nov 22 1865

I. N. 5, Kumaon, 11300 feet high

R. Strachey & J. E. Winterbottom

= Hc Gray

heads paniculate.

4 – 8 – number

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Nov 22 1865

Junius castaneus.

Sikkim & Himalaya

Hooker fr. & Thomson

often paniculate!

paner sepals usually longer than outer ones, and broader; I find no other difference

The slendersepalled variety coll by Strachey & Winterbottom (Junius No 2. 3 & 4) from Himalaya & Tibet & Kumaon, have short stamens, and long rostrate capsule as long or even shorter than sepals — These are equal, or the inner ones a little shorter —

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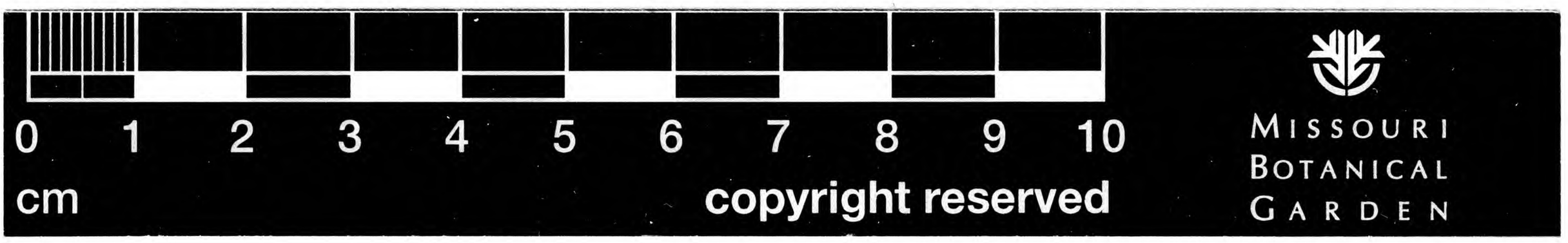
1916

Nov 22 1865

Junos N. 3

Kumaon, 14500'

Strachey & Winterbottom



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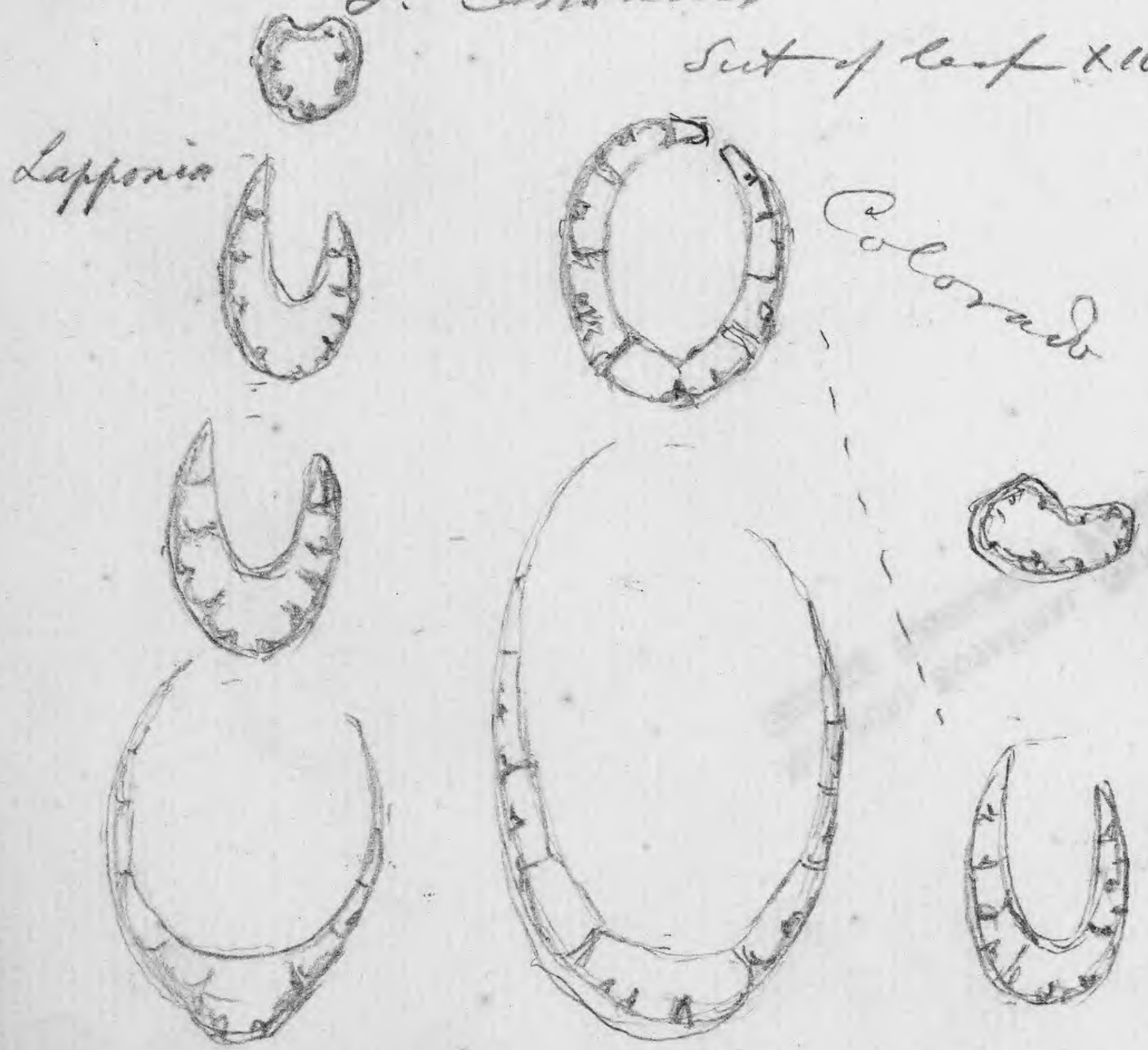
J. Castaneus Mark 19 1866

Sect of leaf X10



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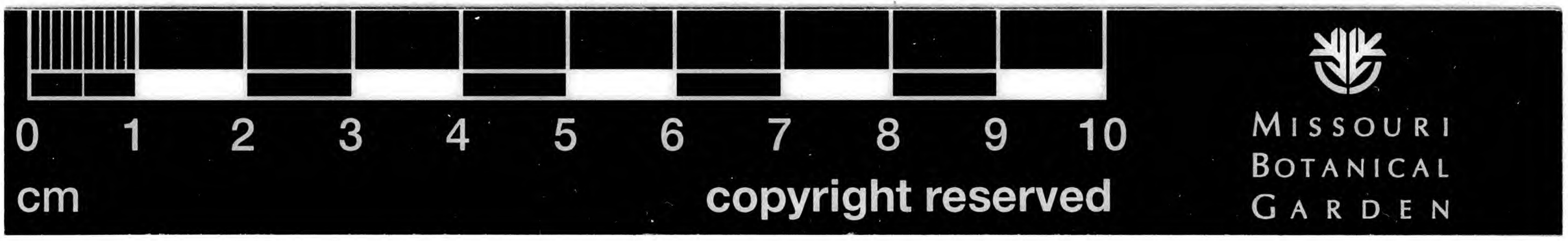
Koch Syn. H. germ. mentions in Tinous Castaneus and others the length & proportion of filaments and anthers.
Kunth speaks of the shape of seeds — also others



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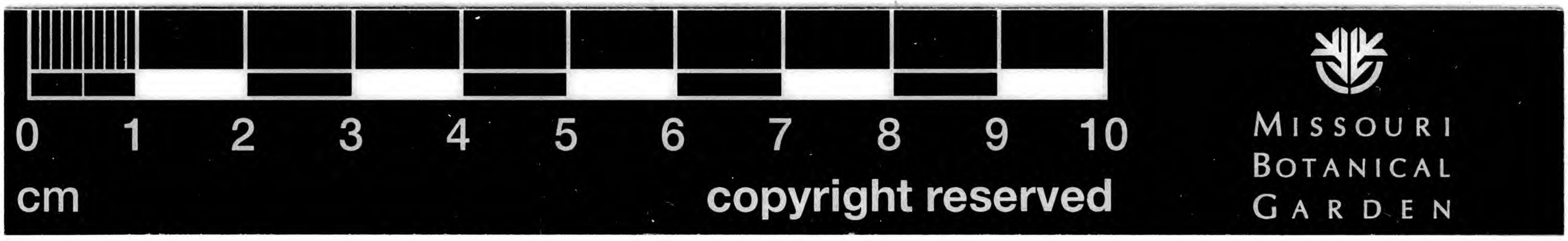


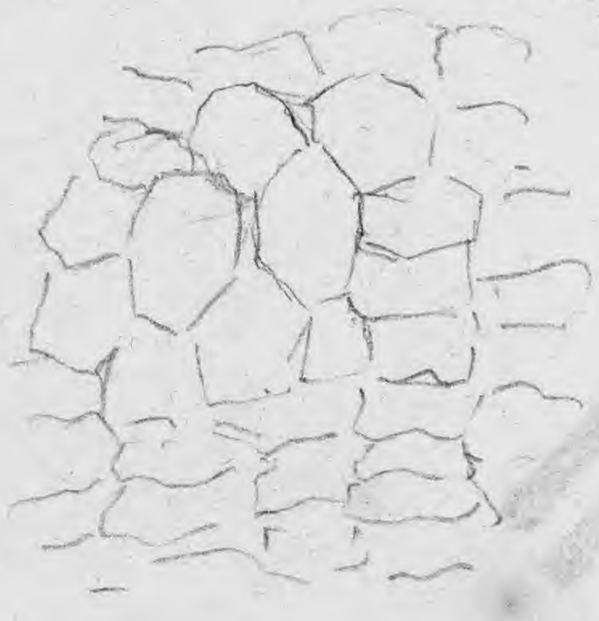
J. castaneus

Norway

Febr 20 1868

epidermis, a very loose sac

x 150



surface of nucleus (not quite ripe?

x 150

rugose - reticulate

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SCIENCE EXCELLENCE PASSION

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Junius castaneus

	Hb. Philad	Gray	Engelm
Saskatchawan (mixed with longistylis)		Bourgeau	
Carlton House to Hudsons Bay		Drummond var pallidus (Dr)	
Colorado	358	Parry 358	358
	560	Hall 560	560
Sin Eschscholtz		Chamisso (Ch)	
Near Lake !		Richardson	

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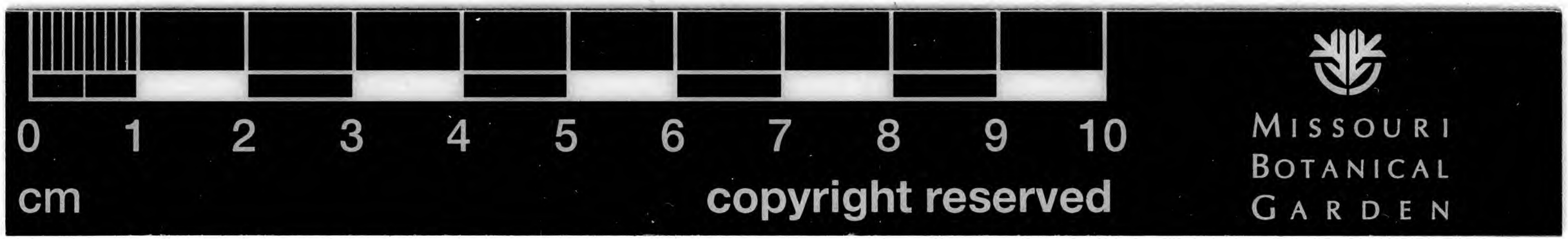

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Oct 23 1865

Seed enrige

Impat. Lehmanni E Meyer = H.C. Hook

I. castanea B. pallida Hook H.

Bot. II 192

Cumberland House to Hudsons Bay

Drummond August

(ex H Gray)

12–15 inches high

branches second

distant heads

few flowered.

Capsule obtuse

3 angulate

Seed of stem

nearly terete

hollow

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August.....	3	.....	1	.....	1	2 .....
September.....	4	.....	.....	1	4	8 .....
October	3	1	1	1	7	1 .....
November	2	3	.....	7	.....	7 .....
December	2	3	.....	.....	.....	6 .....
	50 + el.	36 + el.	23 — el.	28 — el.	15 no el.	34 no el.

Snowing was accompanied

	By Positive Electricity.		By Negative Electricity.		By no Electricity.	
	In 1861.	In 1862.	In 1861.	In 1862.	In 1861.	In 1862.
January.....	3	9	.....	2	.....	.....
February	12	8	.....	1	.....	.....
March	3	12	.....	.....	.....	.....
October.....	.....	1	.....	.....	.....	.....
November	.....	4	.....	.....	.....	.....
December	5	2	2	.....	.....	1 .....
	23 + el.	36 + el.	2 — el.	3 — el.	.....	1 no el.

REMARKS.

The monthly mean of atmospheric electricity in 1862 was not quite so regular as that in 1861. While in 1861 an un-

217-223

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December; the second with a mean electricity by the months of March, April, May and October; and the third with the lowest electricity by the months of June, July, August and September.

The aggregate monthly mean of

The first group in 1861 is	52.9	—in 1862,	54.6
The second	"	"	33.5	"	35.2
The third	"	"	14.1	"	10.5

Thus in 1861 the third group prevailed, and in 1862 the first and second. But these differences are so well balanced throughout the year, that the mean of the whole year in 1861 and in 1862 is exactly the same, namely, 8.4. Such an identity in the yearly result, even to decimals, is of course not to be expected every year; but it seems to prove, at least, that the yearly mean of electricity is as constant as that of temperature, of relative humidity, and of atmospheric pressure.

The third table, showing the daily periodicity of atmospheric electricity, confirms the daily two maxima and two minima of electricity as an undeniable fact.

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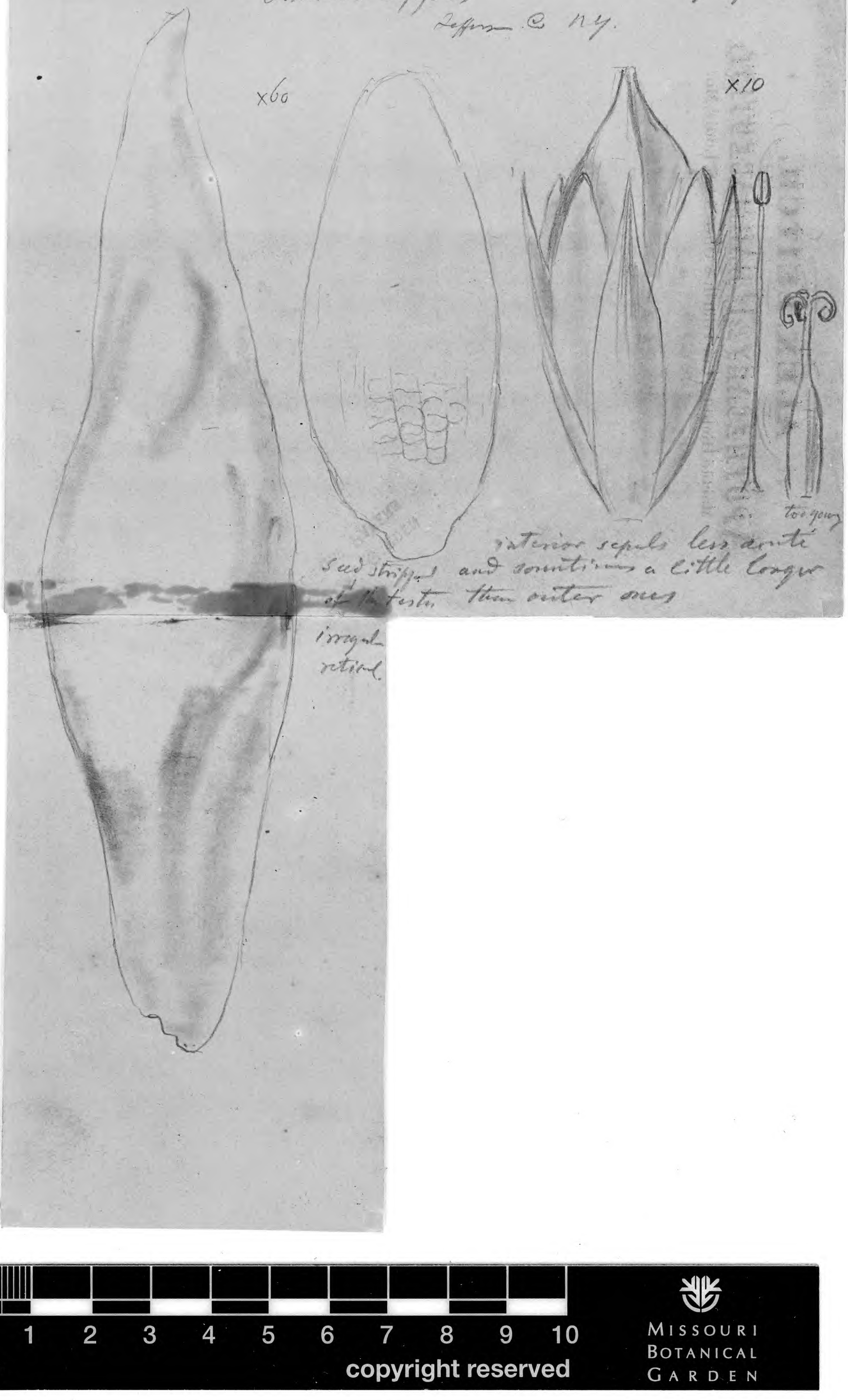
Smeras Stygius
Jeffers— Co Ny.

Aug 19 1861—

x60

x10



top view

interior sepals less acute and sometimes a little longer than outer ones

Sac striped on the back

irregularly retiform

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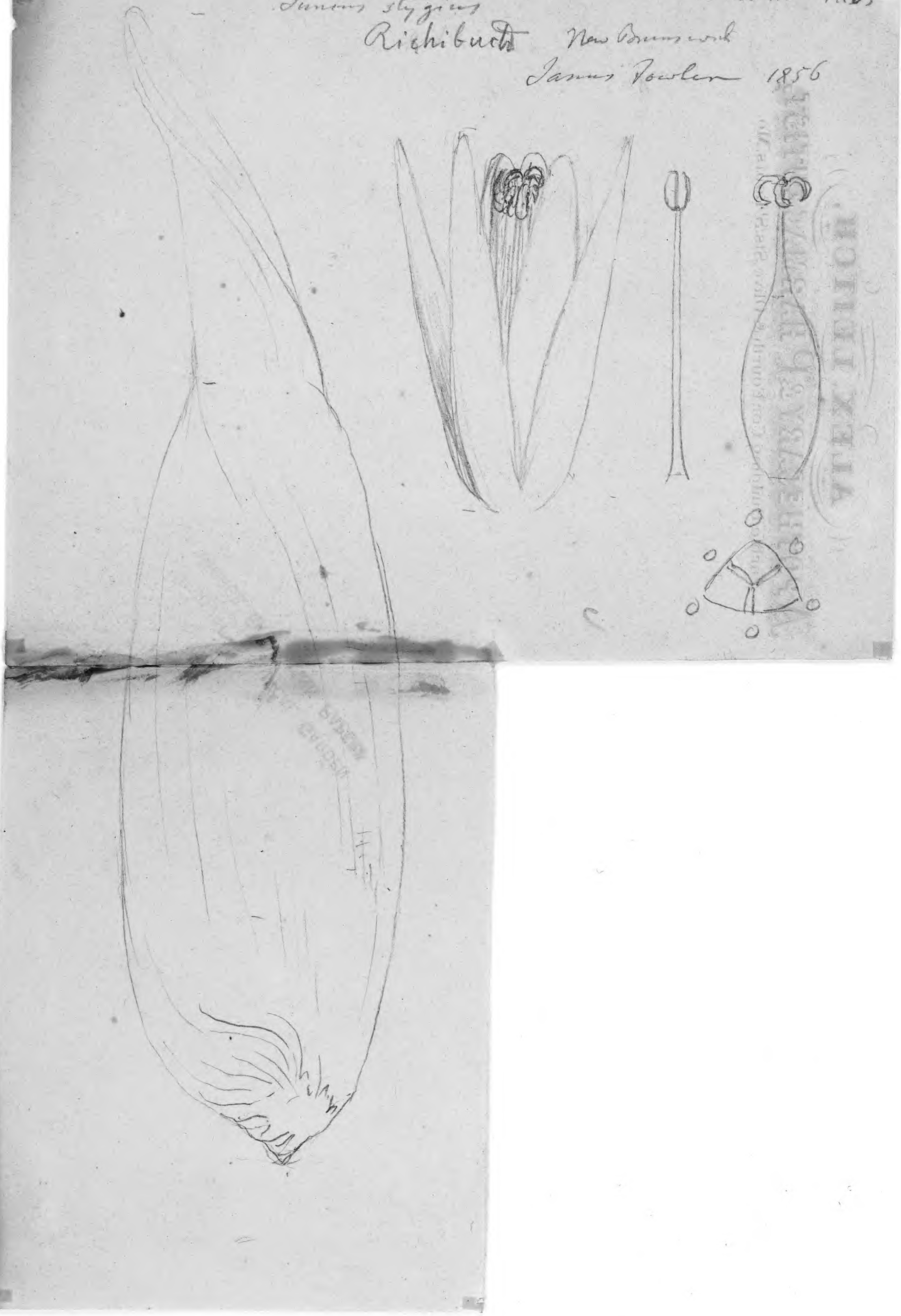
Nov 15 1865

Iamus stygius

Richibucto New Brunswick

James Fowler 1856



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0217b

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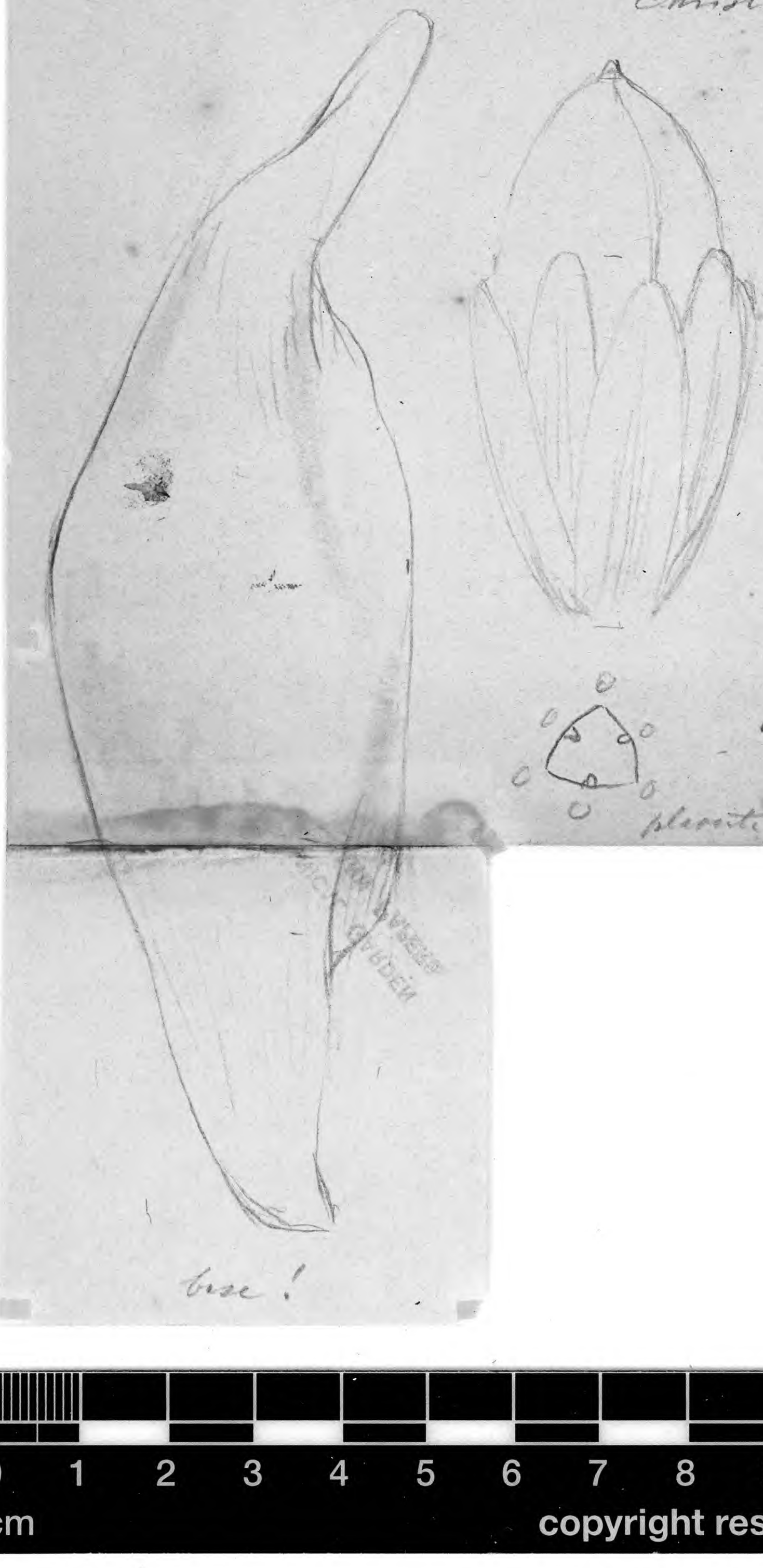
L. stygicus Nov 21 1865-
Christiania, Blytt - Hb Grev



sepals all obtuse
inner sepals a little longer
in other they are equal

placenta on lower part of valve

base!

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over

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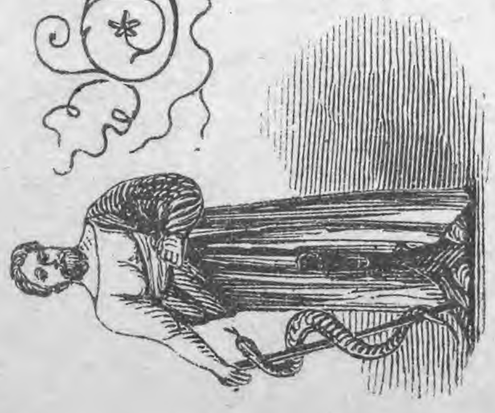
Buchenau in Letter, Jan 10 1867, distinguishes

I. Stygius europaeus	Americanus
capsula sensim acutata breviter mucronata ½ exserta	abrupte in acumen elongatum productum ¼ exserta
Sepula ~~angustiora~~ ~~longe acuminata~~	sep. angustiora longe acuminata
Cationi lanceolata acuta	
Sem. testa stramina densa, appendices breves	testa alba perlucens appendices longiores



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Juncus stygius March 1866

Flowers and seeds in European specimens smaller, capsule acute, long exsert

in American specimens larger, capsule acuminate, not as long exsert

Sepals said to be acute by authors; I find them obtuse, especially the inner ones, outer ones often acutish —

Sepals equal, or outer ones a little shorter or a little longer

Stigmas short recurved, quite peculiar

already mentioned by Linnaeus

ovo

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S. Stygius

	Hb Philad	Gray	Engelm
		Goodell	
North Maine			
Jeff. Co. N.Y.	Gray Wood	Gray Vasey	Gray Vasey
New Brunswick			Fowler
Lake Superior			O.B. Wheeler

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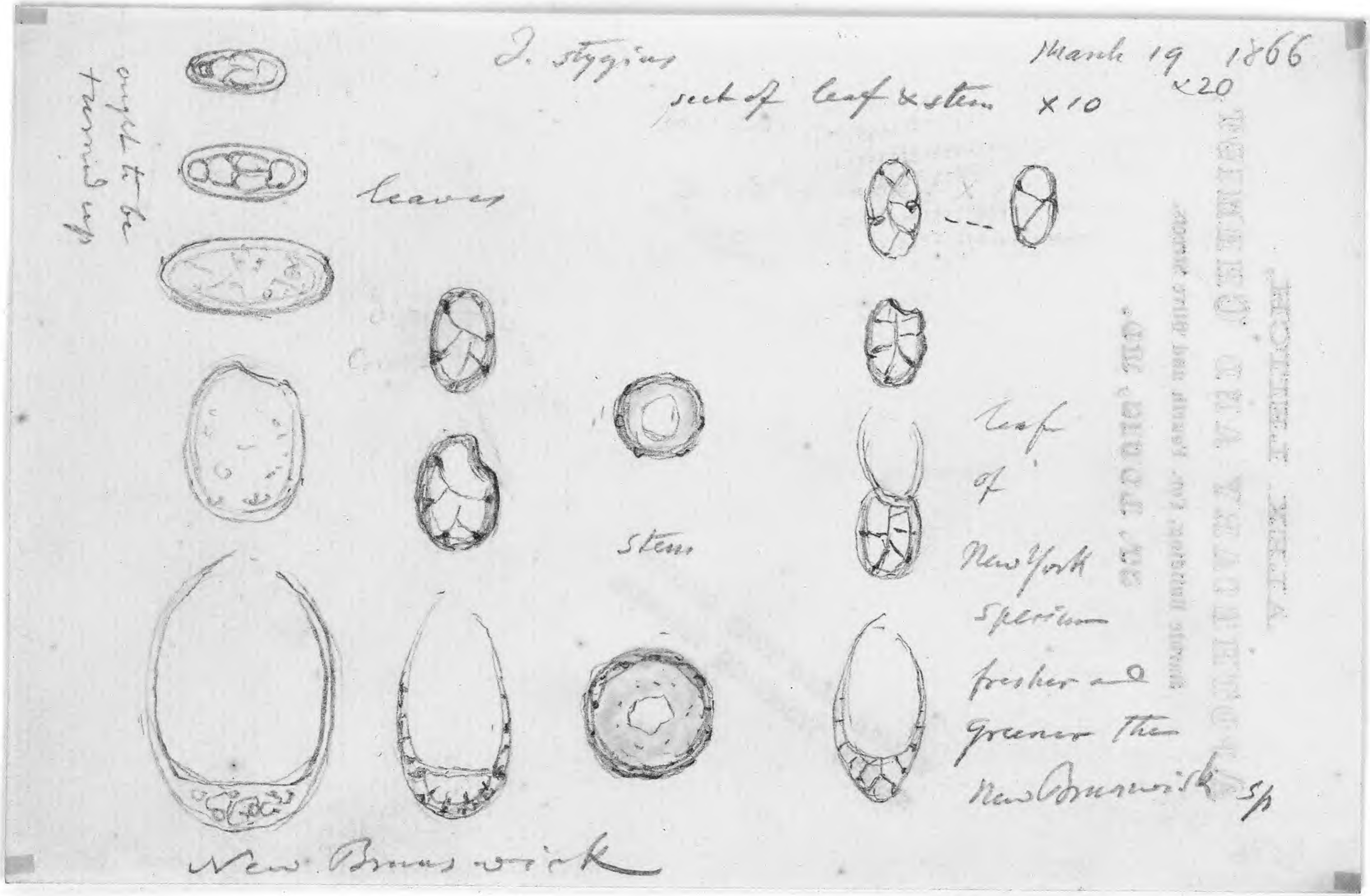

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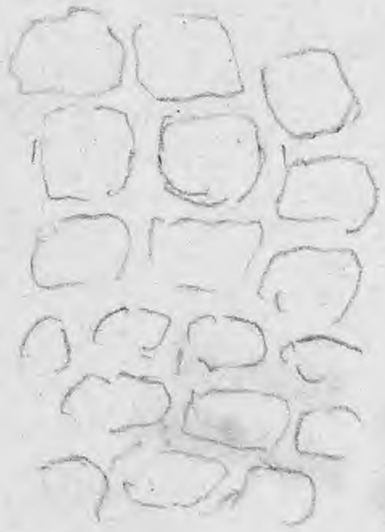
I. stygius

Maine

Febr. 20 1868

epiderm
(very lax)

x 150



surface of nucleus (not quite ripe?)

x 150
irregularly rugose
reticulate

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