Missouri Botanical Garden
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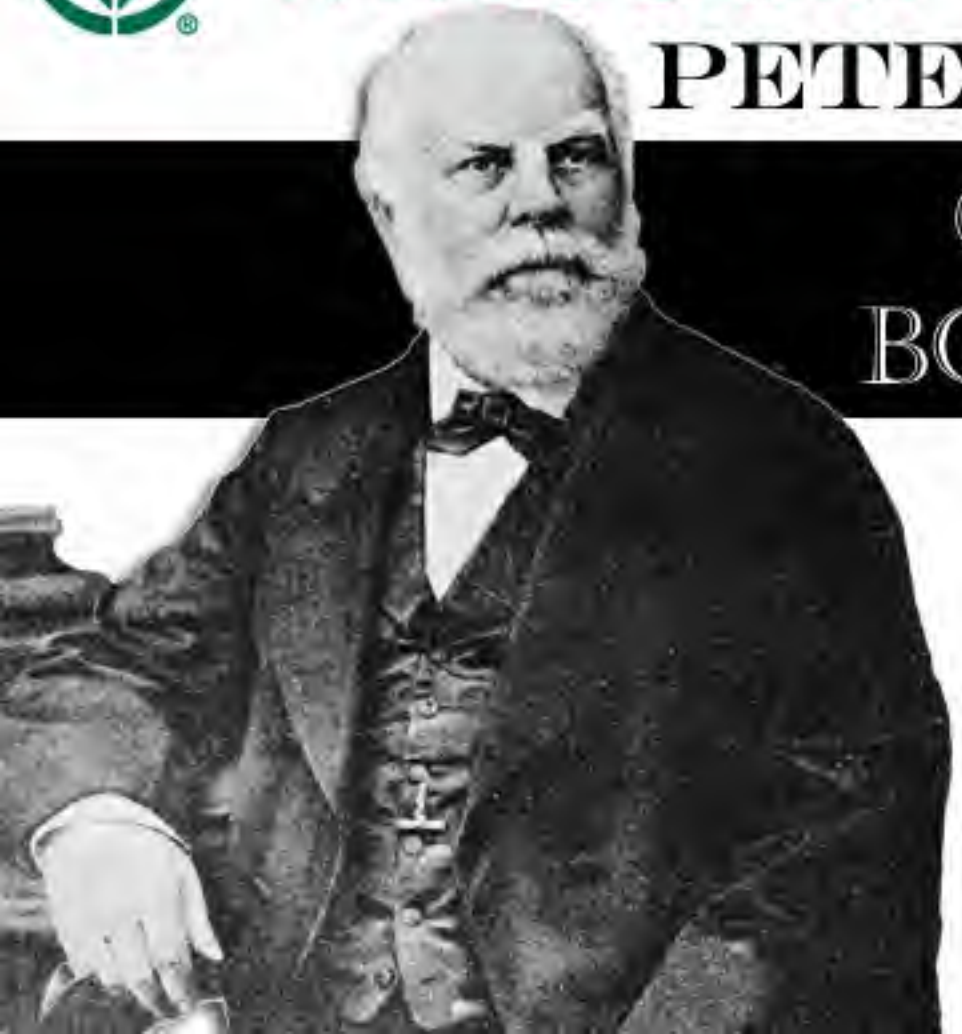
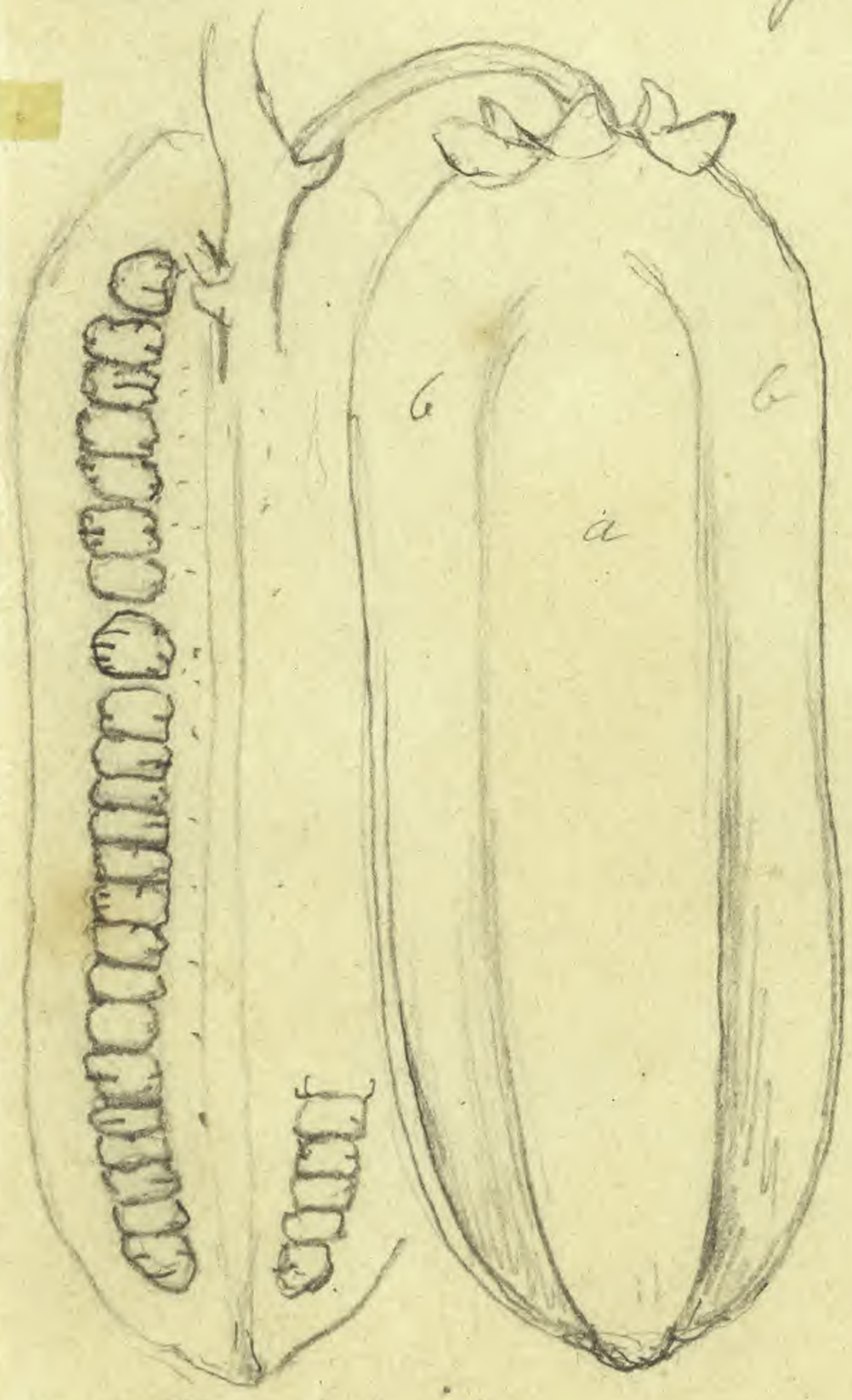
George Engelmann Botanical Notebooks



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.

Y. aloifolia
Washington, A Schott
Nov 1st 1870



section of fruit
and a row of seeds
(20-24 in a row)

base

section of fruit

top

exterior perigonial lobes
opposite carpels
interior opposite the now expanded pores in fruit b

fresh, green fruit
unripe

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cm
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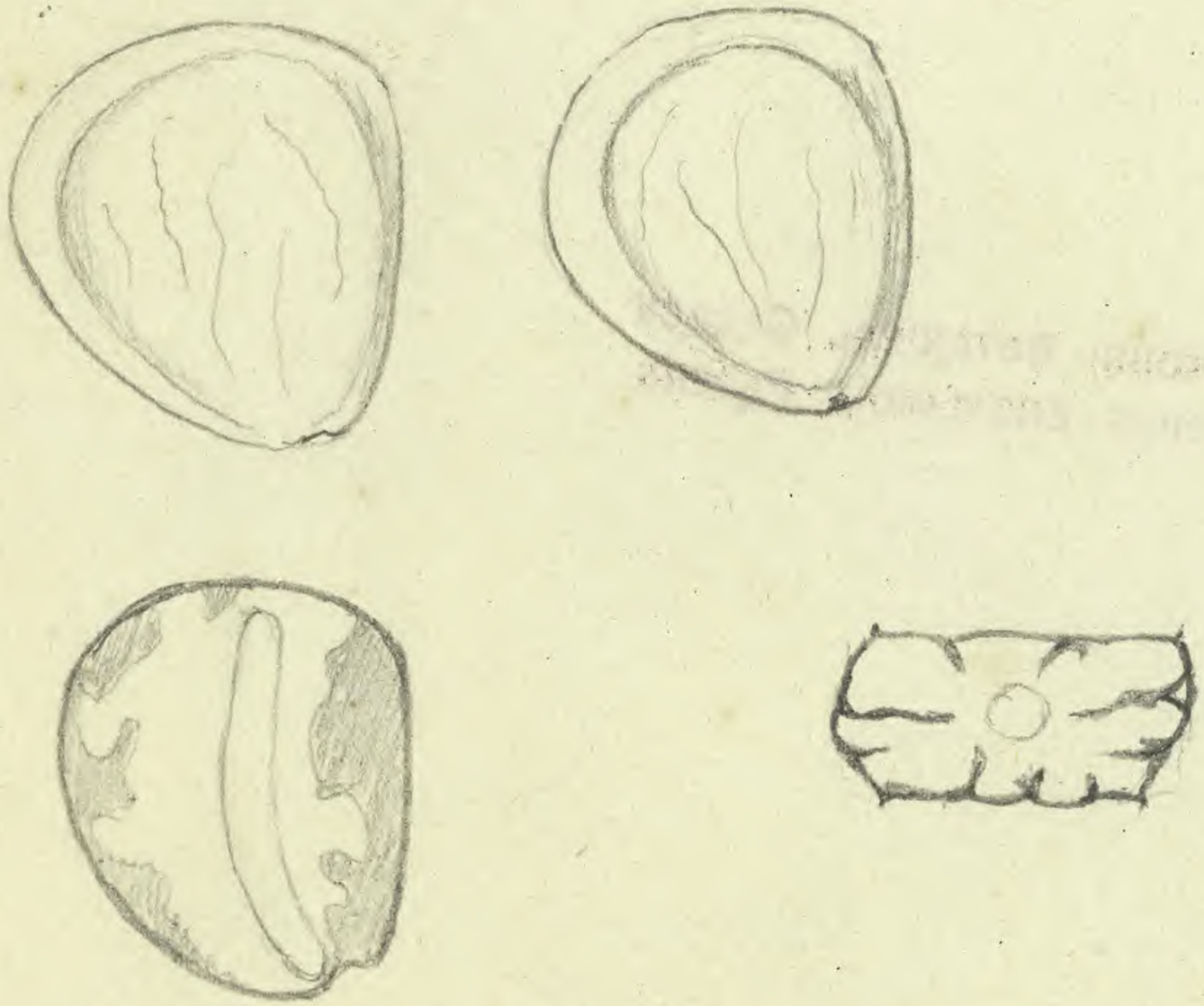
Y. aloifolia
Coll. Washington 1870

Jan 6 1870

X4



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Yucca "aloefolia" Jan 6 1871

H.B. Venetian 1858

X4

largest

flatter & larger than usual

usual form

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Yucca aloifolia
S. Carolina

June 17 1874

woodbundles × 280

Parenchyma

some cells with dots

Section of an old trunk × 280

brown cork cells, which form the bark

corky bark

white parenchyma cells

raphides

white rind

wood

Horizontal section × 80

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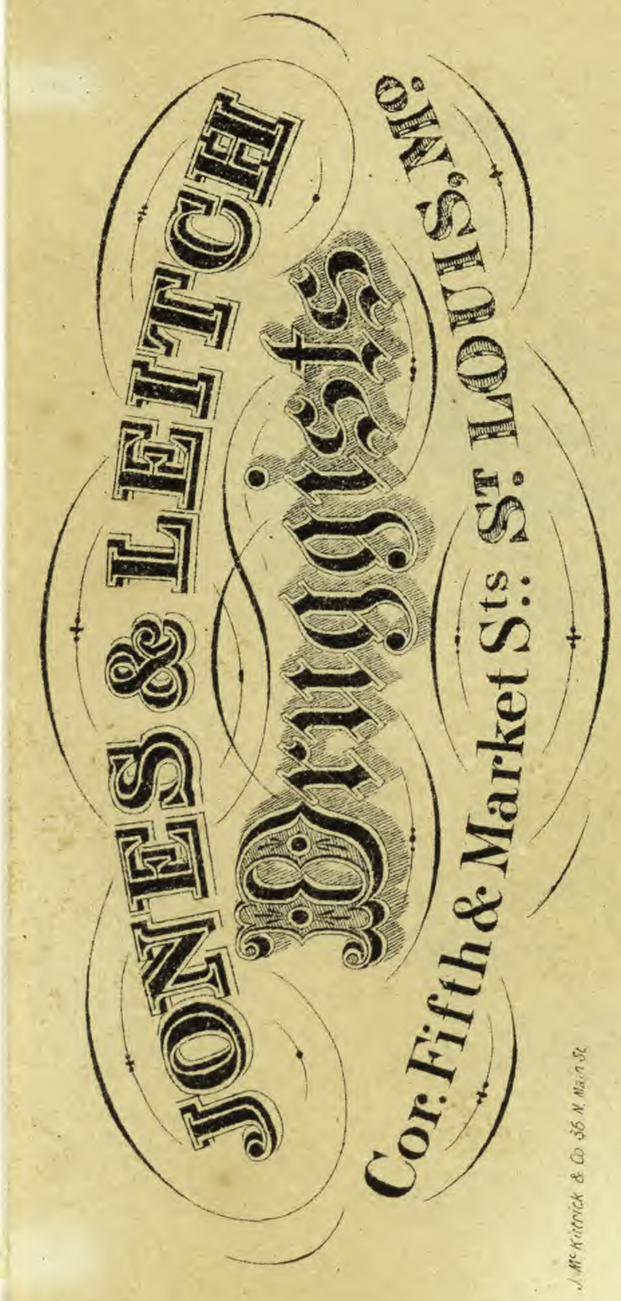

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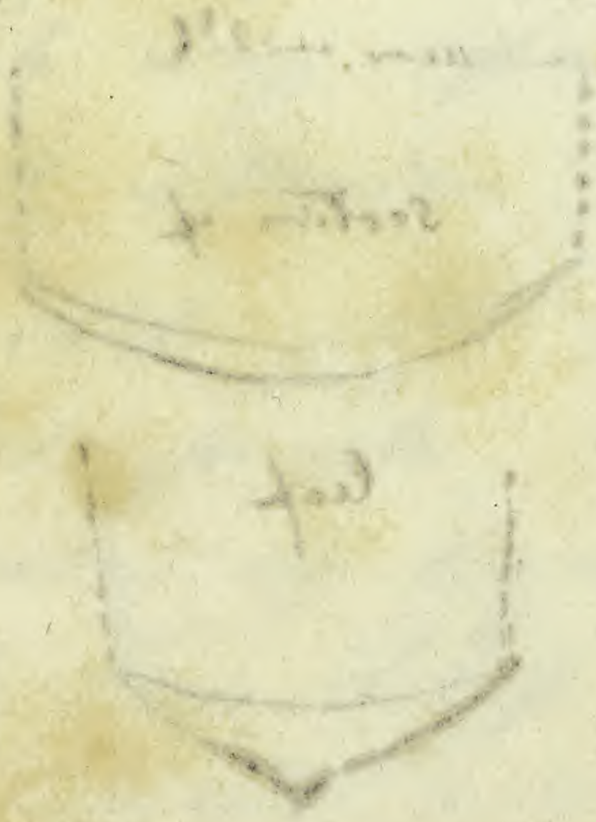
Yucca aloefolia" Hort. bot. Vrect

24 Jan. 1858.



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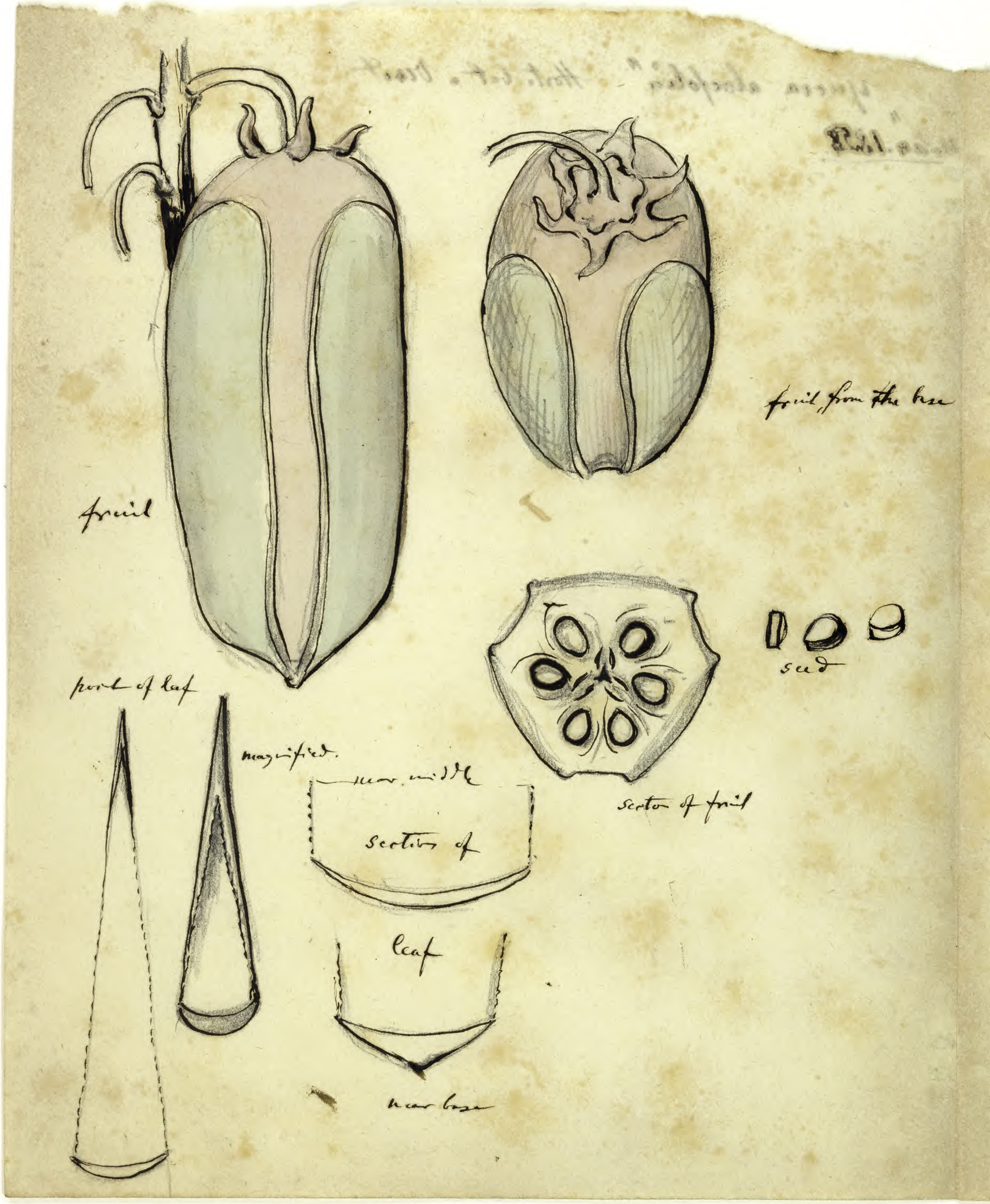

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Yucca aloefolia Hort. Bot. Venet.

Jan 24. 1858.

— 8° Reaum. this morning — It is here sometimes — 10°
= 10° Fahrenh.

A tree 20 feet high, branching in a covered situation ~~near~~ at the house
leaves with a slightly serrulate margin, thick and
carinate near the base, concave or nearly
flat in the middle, pointed at the tips or
spinous; with the edges involute.

Fruit pendulous fleshy non dehiscent,
with six fleshy appendages at base (the
remains of the sectors of the flower — or
of the stamina?) and thickenings at
their base (which may represent the corolla,
if the former are the stamina?

Seed six carinate, angular, base
and narrower sides purple, broader sides
greenish, and rounded off towards the base
not extending to the base itself.

Seeds in 6 rows, small and thick.

July 1862 The three broad (purple) grooves may
represent the slit or channel, between carpels, which

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is closed, or almost closed in flower, and very open and expand in fruit.

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Y. aloifolia — first account in Clusius Plantae exoticae 1605
when it was in cultivation in Holland.
"Tacoriifolia Draconis arboris similia"
20 years later it is mentioned by Castelli (under the name of Aldini) in the Farnese Garden in Rom.
1696 it is said by Rocel to have been introduced in England.

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Aug 10 1872

Yf. aloifolia
full grown fruit from Bluffton S. C.
Dr Mellichamp

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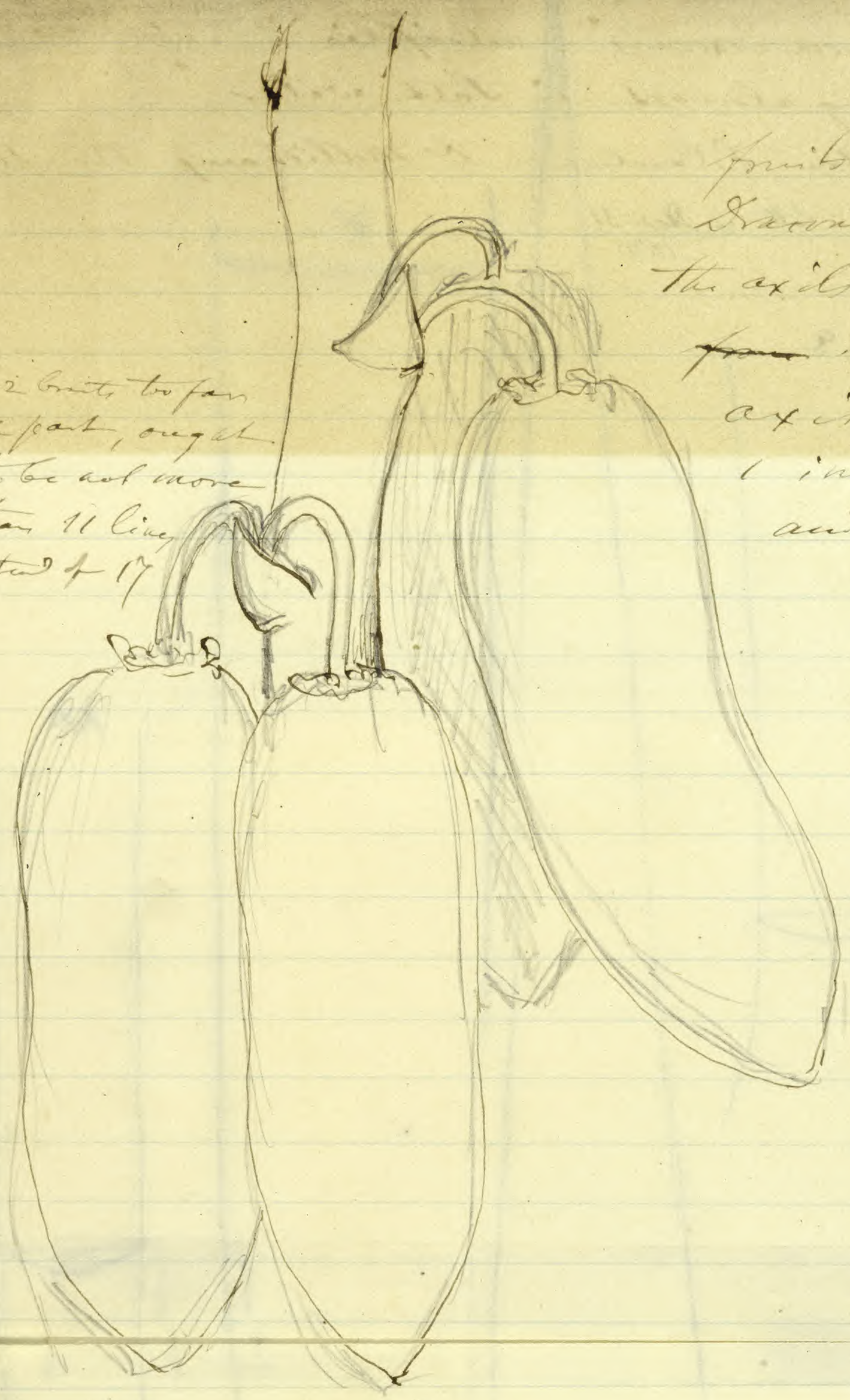
Nov 1870



2 bracts too far apart, ought to be not more than 11 lines instead of 17

fruits of the Polygala Senega Dracunis in pairs from the axils of triangular bracts ~~from~~ on a 6-7 lines thick axis — bracts longer than 1 inch apart (10-11 lines) and in 3/5 arrangement.

Leaves of Yucca filifera with <u>efflorescence</u> — see Dr M's letter of Jan 15th 1871

Blooms in S Carolina in June to middle of July

to <u>end</u> of July (1873)

middle of July 1873 abundant on the beaches and <u>in</u> saltwater on Tanfuskie Island and in May river; 10 feet & more, high, simple — with young and older fruit — mostly! often with white <u>efflorescence on leaves</u>, others with buds to open in a few weeks <u>and occasionally on young fruit!</u>

pulpeating larvae <u>very common</u>, seed eaters (Pronuba) rare

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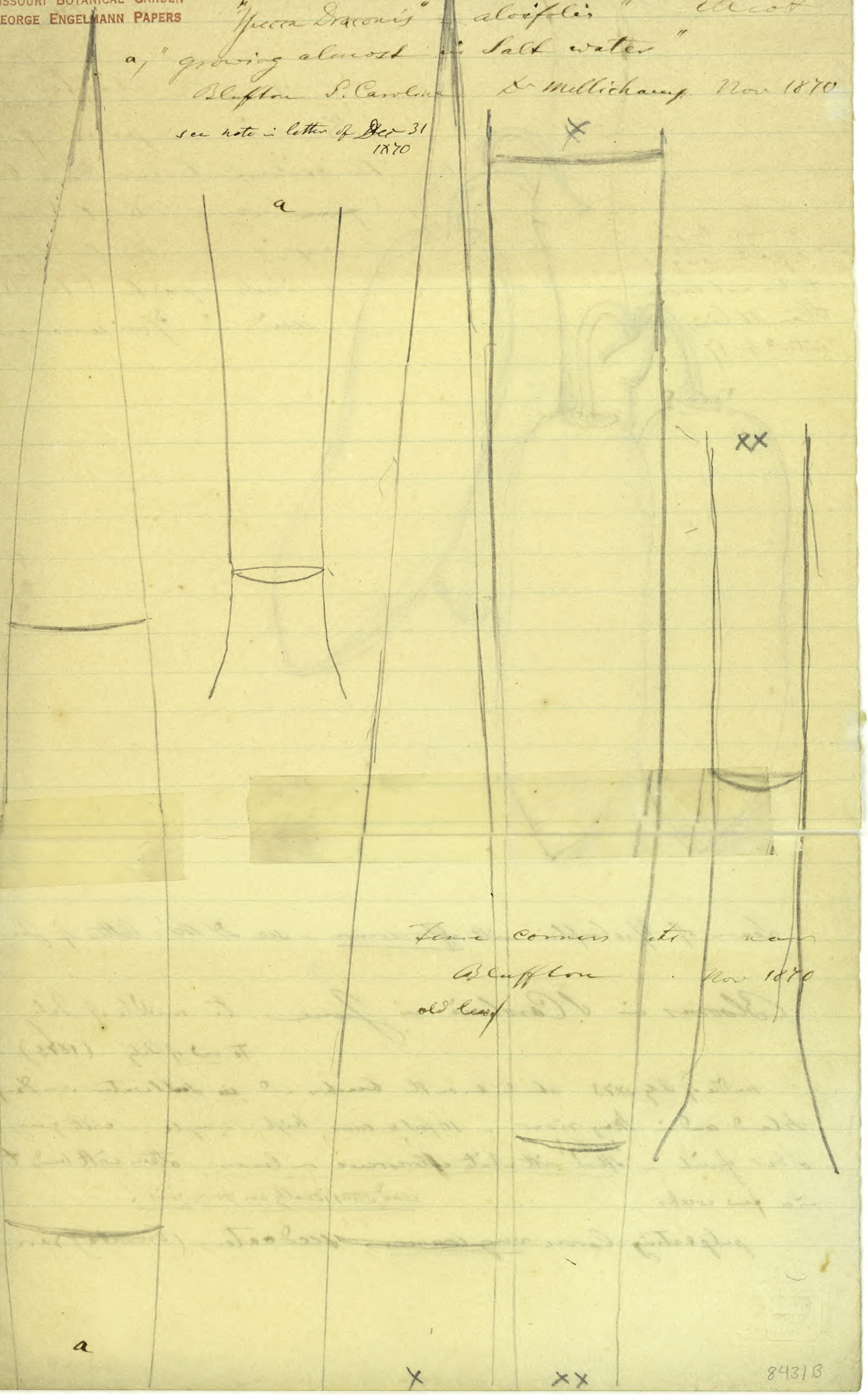
"Yucca Draconis" aloifolia" Elliot
a/ "growing almost in Salt water"
Bluffton S. Carolina Dr Mellichamp Nov 1870

see note in letter of Dec 31 1870



Fine Corners etc near
Bluffton Nov 1870
old leaf

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