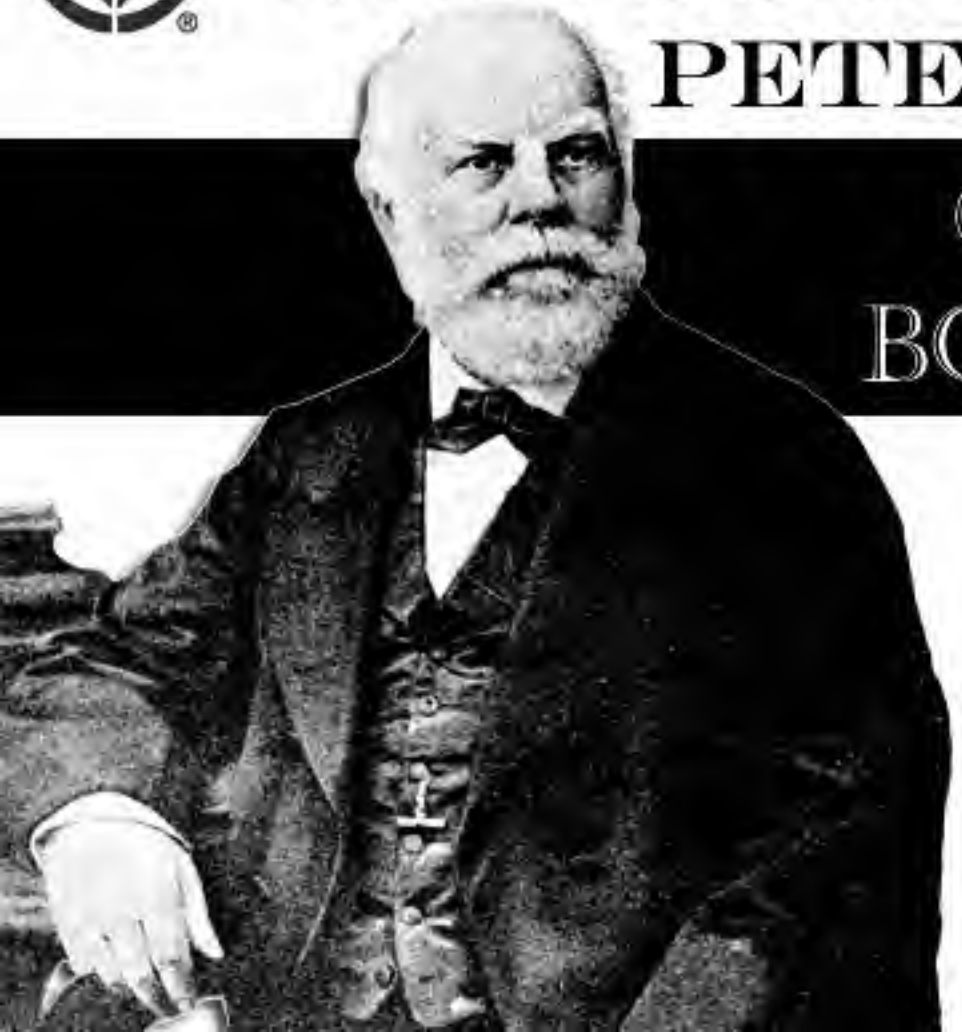
# Missouri Botanical Garden
## Peter H. Raven Library

# 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.*

1-3

133

Cyperaceae

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Engelmann; Shepard Flora Cyperaceae (1855) p. ~~506~~ 47
radice No 586

Cyperus tenuior n sp. (annuus), culmo acute triangulari laevi; foliis culmo subbrevioribus, planis, margine dorsoque scabris; ~~umbella composita~~, fol involucri tribus exterioribus longissimis, interioribus brevioribus; umbella composita, radiis divaricato ramosis, spiculis ~~racemosa~~ spicato capitatis, filiformibus, subtilissimis 7 + 9 floris; rhachi squamis interioribus linearibus adnatis alata fragili; squamis exterioribus adpressis obtusis dorso barbatis remotis, ~~nudis~~ ~~visibilibus~~ 5 nervis margine membranaceis & decoloribus; ~~achenio~~ ~~lineari~~ staminibus 3, stylo ad medium 3 fido; achenio lineari, trigonio, apiculato, basi ~~sub~~ paulo attenuato, brevissime stipitato; squamis interioribus aequat exterioribus paulo brevioribus.

~~Large~~ Banks of a muddy creek in the bottom Mississippi opposite St Louis, together with C. Michauxianus & C. erythrorhizos & Dussiena repens; sometimes between drift wood floating on the surface; fl. September. — From 4 inches to 2 feet high, reddish at base; leaves in the larger specimen 4 lines wide; spikelets generally brown, about 6 lines long, ~~flowers~~ thinner than in any other N American species, flowers more distant, so that the tip of one scale never touches the base of that above it. — Nuts ~~only~~ 7/8 of a line long. The annual growth, the fragile spike, the distinct inner scales, which embrace the nut, ~~prove~~ this species nearly related to the ~~C~~ Michauxianus, from which however it is easily ~~readily~~ distinguished by the characters given above; in C. Mich the spikes ~~Cyperus~~ are longer, from 8 to 20 flowered, ~~and~~ nuts shorter and much thicker.

Cyperus reclinatus n sp (retroflexus Engel in Stend. Cyp (1855) p. 47 No 512) rhizomate tuberoso, repente, culmo acute triangulari, laevi; foliis culmum subaequantibus, planis, margine scabris; fol. involucri 4–6 ~~pendulum~~ ~~pone~~ ~~plerumque~~ superantibus, radiis simplicibus elongatis; ~~floribus~~ spiculis late spicatis ~~racemosis~~,

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inferioribus reflexis; linearibus, ~~teretibus~~ subtetragonis 5-8 floris
~~sed~~ squamis interioribus cuneatis adnatis alatis, squamis exterioribus
adpressis, obtusis, dorso haberecis, (7-9 nervis), margine ~~que~~
que membranaceis; stam 3; stylo ultra medium 3fido,
achenio ob lanceolato-lineari, triangulato, apiculato basi
sine stipite attenuato; squamis interioribus aequante, exterioribus ~~tertia~~
~~multo~~ tertia brevioribus.

Sandy banks of the Merrimac river, south of St Louis
together with Vernonia Arkansana; fl. July & Sept. 24.
— Near C. tetragonus Ell, but easily distinguished by
the tubercles beyond larger spikes, more distant flowers, larger
~~fruit~~ nuts.
With this ~~and~~ C. Baldwinii & C. ovularis it forms a
peculiar section, of which C. scoparius has the loosest
heads and longest spikes and C. ovularis the most
compact heads and shortest spikes. — Culm 10 to 20
inches high; leaves 1/2 to 3 lines wide; spikelets
green ~~with~~ whitish, 6 to 9 lines long, ~~15~~ 15 to 30 in a head;
flowers rather distant, so that the tip of one scale
hardly reaches to the base of the next above it.
Nuts 1, 1/3 lines long, (in C. tetragonus just 1 line)

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Eriophorum

1843

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20 Mind Bot Gard
18

Dr. Engelmann
Alton
Ills

50C01

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Eriophorum latifolium

α. nigrocarinatum, europaeum

β. viridicarinatum, americanum

E. ——— angustifolium Europ.

E. ——— gracile

α. plurinervium europaeum

β. ~~oligoneuron~~ paucinervium, americanum

E. lat. f. α seed light brown; scales dark lead colour even blackish, ovate (somewhat obtusish, carina darker.

β. seed yellowish; scales ovate subobtuse, greenish lead-colour, with green carina

E. gracile α. seed yellowish obtuse; pedunle to mentose scale ovate, obtusish with many lighter coloured nerves.

β. seed yellowish acutish; pedunle scaber; scale ovate obtuse light coloured, with few (3) lighter coloured nerves.

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# Eriophorum

Seed of E. latifolium Europe

seed light brown ped. scabr.

scale ~~dark~~ ovate, black carina, ~~tip obtusish, white~~

E. angustifolium Europe

Scale leadcolour margin whitish, carina ~~pale clear~~ dark,

leaf ovate obtusish

seed light brown? yellowish? not ripe

E gracile Europ

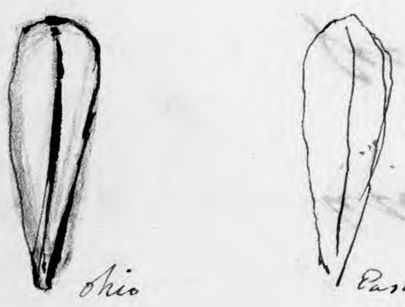
seed yellowish ped tomentose - scabr

scale ovate obtusish with many lighter coloured nerves

E gracile? Illinois

seed yellowish ped. scabr.

scale light coloured, ovate obtuse, with few (3) light coloured nerves




E. latifolium? Ohio East States

seed yellowish ped scabr

scales ovate acute, with green carina

scale greenish, leadcolour

E. vaginatum Europe

E. capitatum Switzerland

E. alpinum Germany & North States

E. virginicum Ohio

Seed brown

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City of Jefferson
24. Jan.y 1843.

Dr Sir;

Allow me to introduce to you Mr. J. S. Case of the County of Benton in this State.

Mr. Case has for exhibition some fossil remains which he desires to have examined & a description given by some scientific gentlemen such as you shall recommend them to Boston Curiosity.

With this view I take the liberty - to give this introduction.

Very respectfully
B Wolcott Allen.

Dr. Engelman.

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Boekeler

Cyperus fumigiescens Cd.

Linnaea 1871. p. 396

sub. C Hochstetti Steudn Ergänzungen

C. parvus Boekeler ib 397

Steudn, Ergänzungen No 62.

C phymatodes Mitchell (species)

i.e. var of C esculentus Linn

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J. Lamm for Colony
Commissioner Austin
J. Colter H.B. for Jos.
Monroe Colt with large
Pulver H.B. Castle

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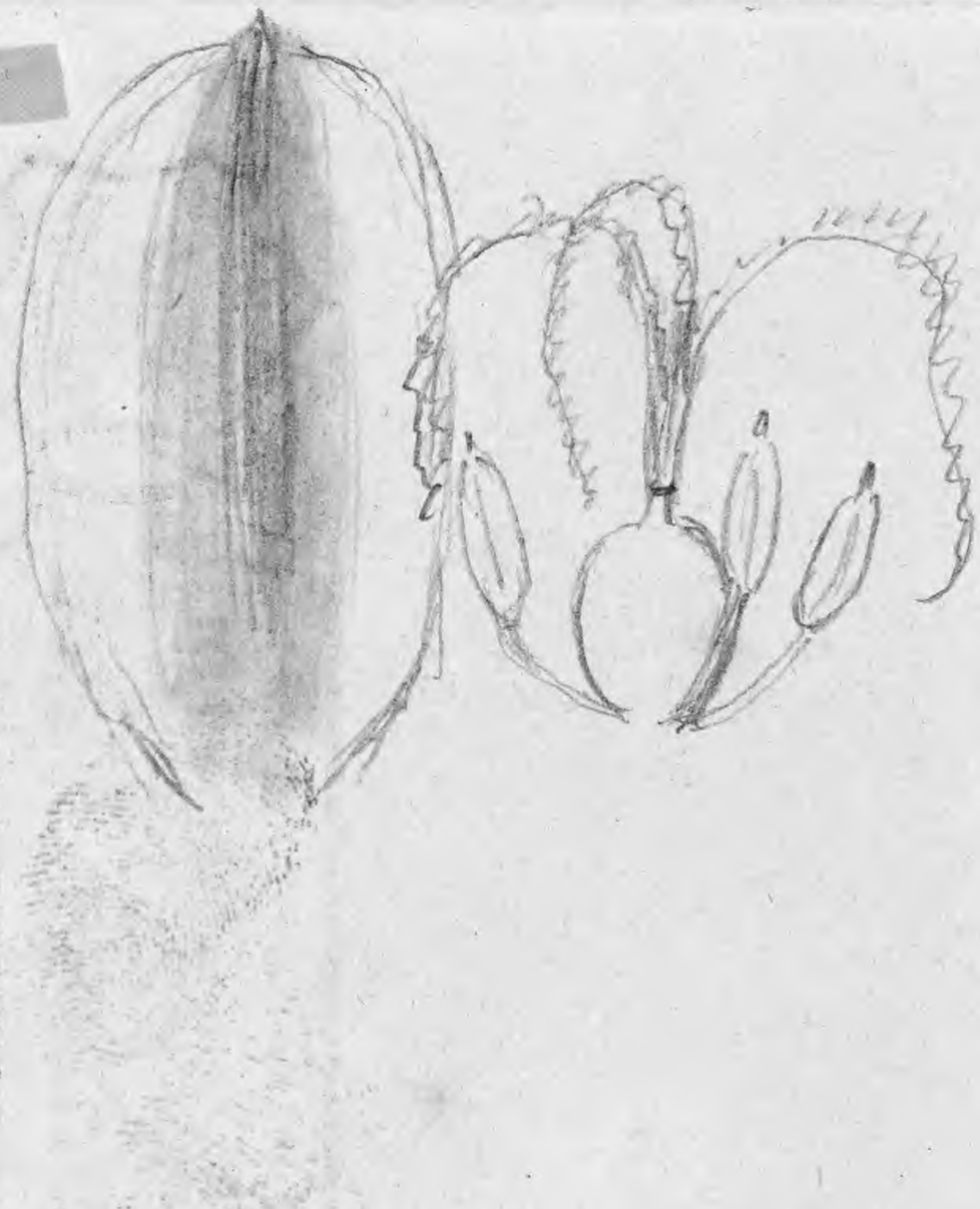

Echinocactus ?

1 – 3 spikes

Gorbels Garden

June 11, 1864

Wolfskehl & Schlechter's
FLORISTA
FLORE
Cor. 4th & Pine Sts. St. Louis, Mo.

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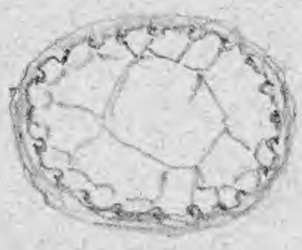
Eleocharis obtusa
Illinois

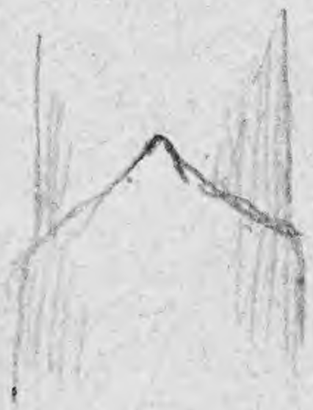
Aug 13 1870

sect of scape x10



x10

tubercle
obliquely aquarrate



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Clematis Pitcheri
E Hall, Alton Ill

July 13 1878

set of scape X10

X10

X10

tubercle
scarcely separate

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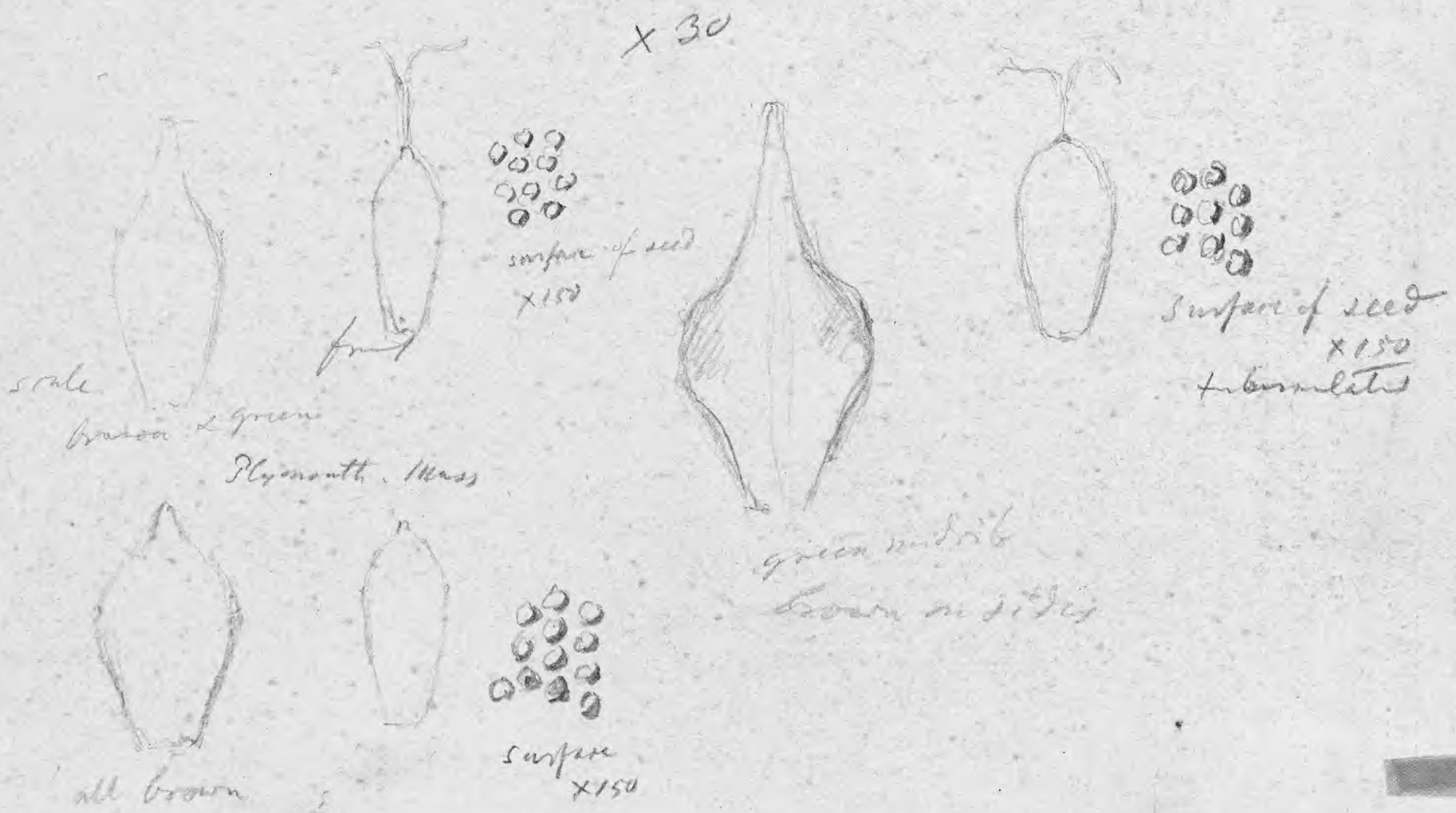
Hieracium scabiquamosum — Jan 1st 18[illegible]

St Louis — Geneva

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DRUGGISTS & PHARMACISTS,

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Scrophularia?

Smith 1806 is

S. Scorodonia Gray

new ed.

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16211

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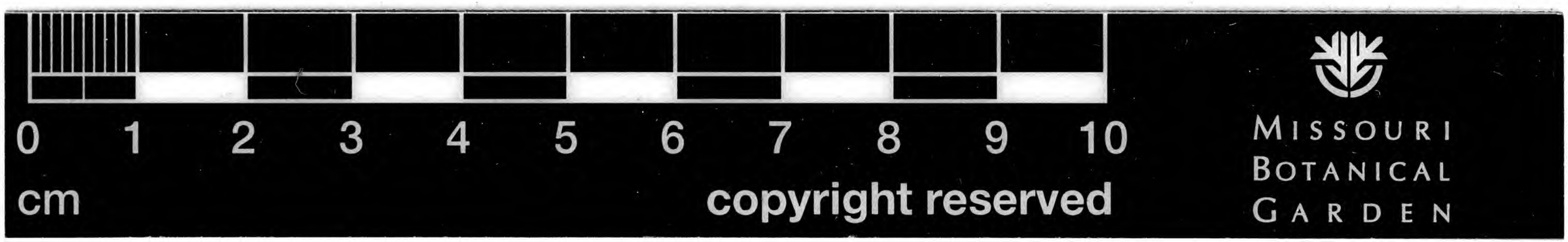

Herrn Dr. Christ in Basel
grüßt mit freundlichen
Gr. Dr. J. Engelmann

A. Braun in Berlin

(Ich hoffe Ihnen in gleicher Weise
Vulpius ist pflichtgemäß bestätigt
sein zu können)

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Gottingen

Cyperaceae

see Nees in Linnaea IX. p. 273.

Gottingen

Nees de ulcebus fistulam

Artam

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