Missouri Botanical Garden
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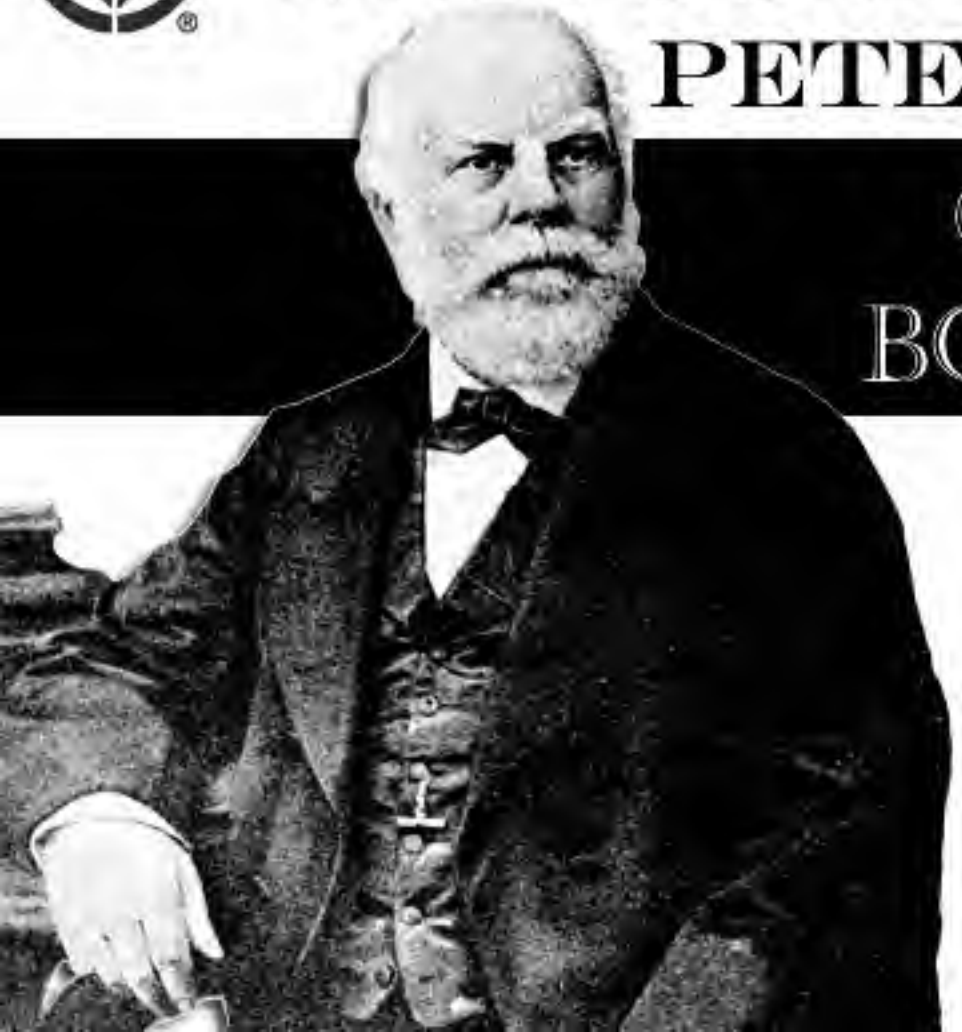
George Engelmann Botanical Notebooks



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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.

1643-8

Lanx

Synonymy

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

Sium nodiflorum L.

Spr I, 905
BA, 211

Europ. med. et austr.

Fr. 1820.

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10745

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H. Miles Hoover Octob 1868

Larix

East side of Cascade Mountains

Larix Lyallii, Parlat, the woolly scales of the very large little Cones, are very striking. also the long protruding Bracts of the Cones allied to L. Europea & occidentalis more the to pendula

L. occidentalis Nutt. Columbia River, Lyall — has no such woolly at all, smaller cones with spreading, foliaceous tips of the bracts — and below with numerous foliaceous squamose bracts

L. pendula numerous good specimens

L. Dahurica with very small cones, similar to East L. Europea. — In Lyallii bracts more & occidentalis less protruding — & Europea they are rarely exserta.

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Lonicera

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Herb Kew Sept 8 1869

Larix Lyallii Parlat. Rocky Mts alt. 7000' 49° lat. Dr Lyall 1861
leaves very slender, but very woolly, bracts of cone long subulate
acuminate exsert. — almost of Pinus longifolia — long exsert!

L. occidentalis Nutt (P. Nuttallii Parl) has shorter, glabrous
cones, bracts subulate exsert, but not as long as in last —
giving the cone a hispid appearance — leaves not woolly —
leaves nearly as slender — Fort Colville Lyall Aug 1860

Lyallii also East side of Cascade Mts 49° 6500 — 7000' a narrow
belt of middle-sized trees; not more than 1 foot diam. 40' high
young shoots very tomentose

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Larix occidentalis Nutt. Syl. III. 143. t. 120

Newberry. Pac R R. VI. Bot p. 59 c icon

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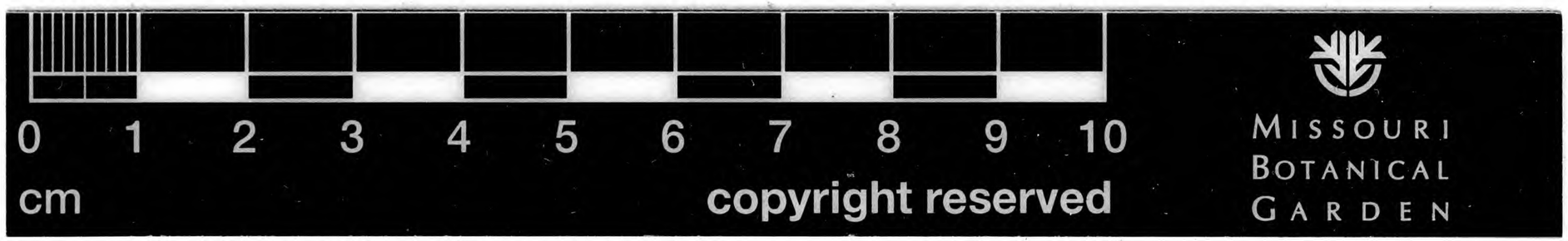

Sept 16 1862 Mount Shasta

1424 Larix ?

no more seen. A tree with remarkable weeping habit; ov volcanic cone in valley north of camp 98. Specimen brought in by Prof W [Whitney ?]

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It says: Have engaged your ... round trip twenty two dollars send money.

I desired a stateroom for myself and wife for the trip from Chicago to Houghton, and I believe I saw you write it down so under the dictation of Gen. Turner. There was no question of a "round trip"; and twenty two dollars seem not enough for two berths (self and wife)

I expect to find you on the boat next Thursday when all this may be

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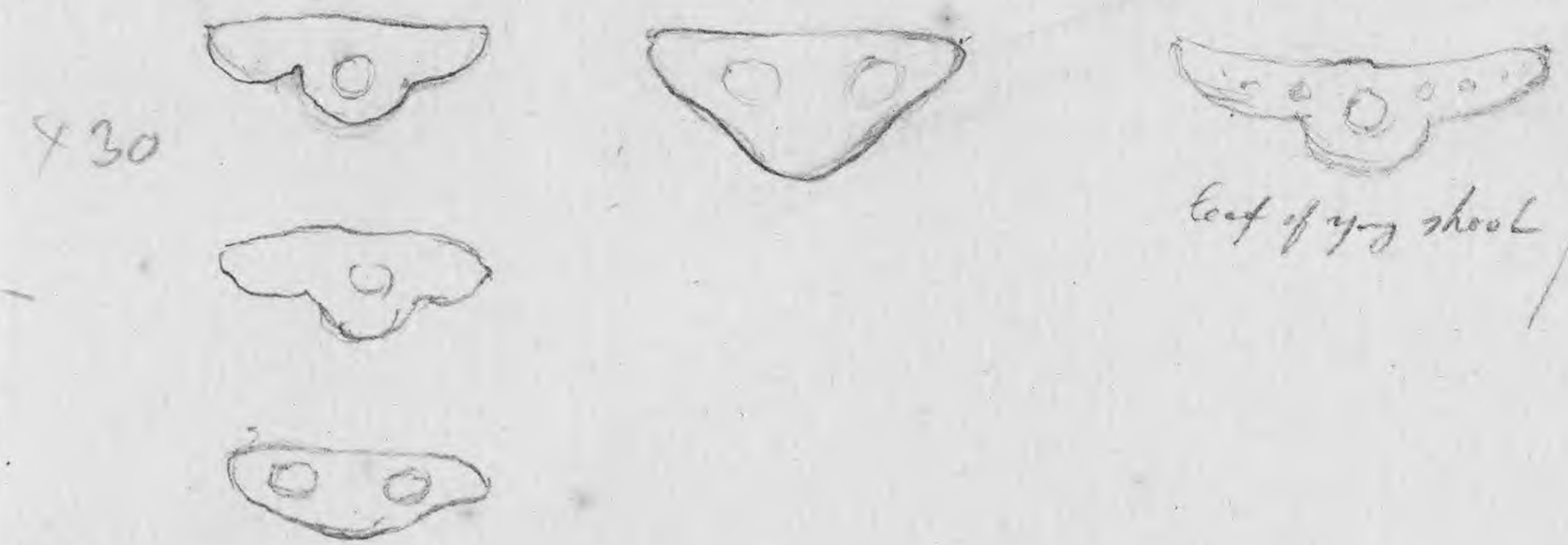
Larix Europea x Am. Flor 1863



leaf of young shoot / dry leaves soaked

Sections of

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ALEX. LEITCH,

APOTHECARY AND CHEMIST,

Marble Building, Cor. Fourth and Olive Streets,

ST. LOUIS, MO.

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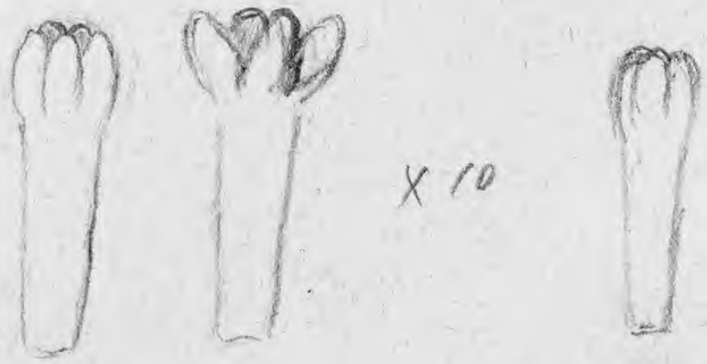
Larix Europæa
vernière

Dec 1862



Cotyl. 5. – offm 4
varely 6

Apothecaries Hall
Chemists & Druggists
Incorporated 1617
Corporation of London
Incorporated 1617

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Larices American

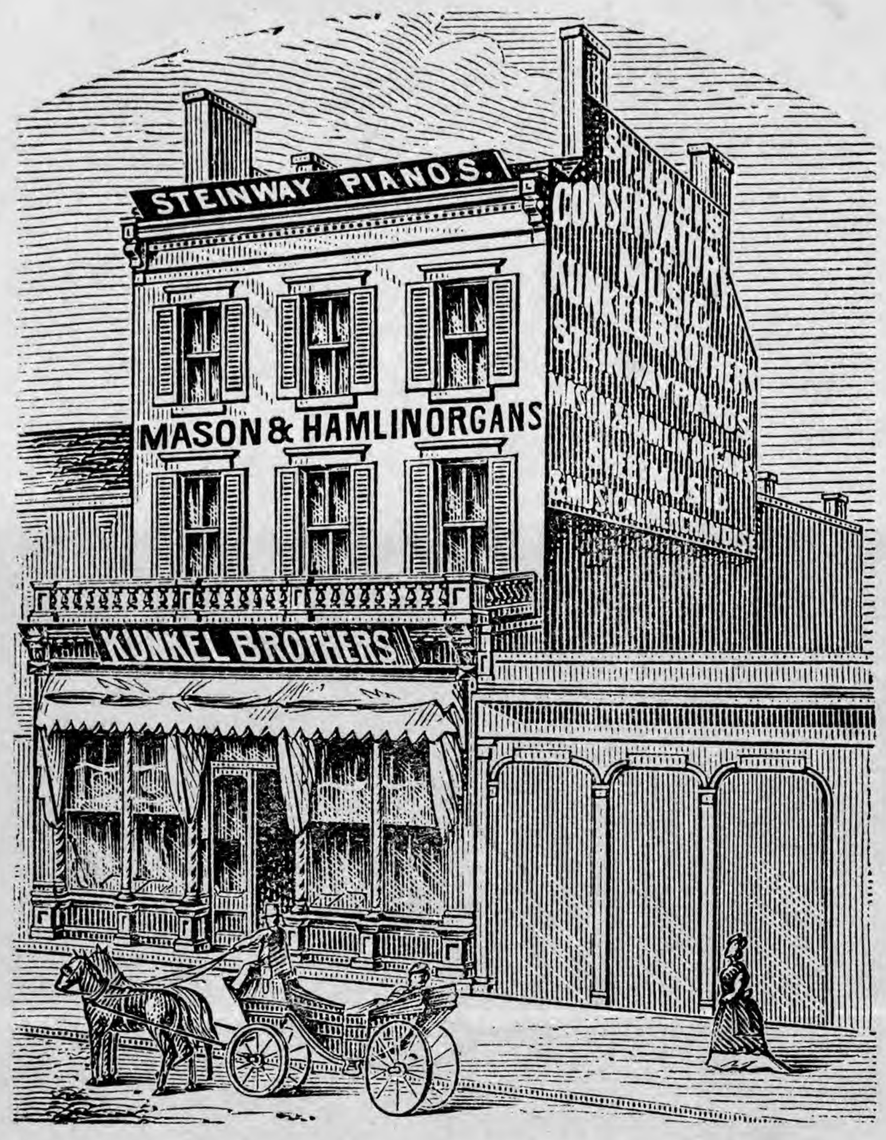
Regel Revis 1871 ?

p. 57. 1. Larix decidua Mill = C. Europea DC
var E. pendula = L. pendula Salisb
Pinus pendula Land.

3 Larix occidentalis Nutt
4 Lars Lyallii Parlat
5 Larix Americana Michx
L. microcarpa Bedf. Pr. Web.
Pinus — Lamb.
P. pendula Pursh

Larix pendula (a var of L. Europea
is entirely unknown to me — said
to be described by Miller (as called L.
by Peter Collinson) by Aiton ed 1. 3. p. 369
by Loudon p. 132 (who says it is a double
species) by Carriere (as a var of L. microcarpa)
Pursh 2. p. 615 distinguishes pendula, black bark
and microcarpa red bark
Nuttall does mention both.

10752



OFFICE

OF THE

St. Louis Conservatory of Music,

18 SOUTH FIFTH STREET,

BETWEEN MARKET AND WALNUT STREETS.

St. Louis, Aug 29th 1872

Dr George Engelman & Friends

The pleasure of your Company is requested at the Second **Matinee,**

GIVEN BY THE

St. Louis Conservatory of Music,

AT THE

CONSERVATORY HALL, No. 18 SOUTH FIFTH STREET,

(Entrance to Hall through Kunkel Bros.' Music Store.)

Very Respectfully,

KUNKEL BROTHERS,

Directors.

Matinee commences at 4 o'clock precisely.

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Pinus (larix) pendula Soland in Vahl Icon. III. 369 ed. 1.

——— Lamb. Mon p. 55. t. 26. Lamb. Pin ed 2 t. 49.

——— Pursh II. 645

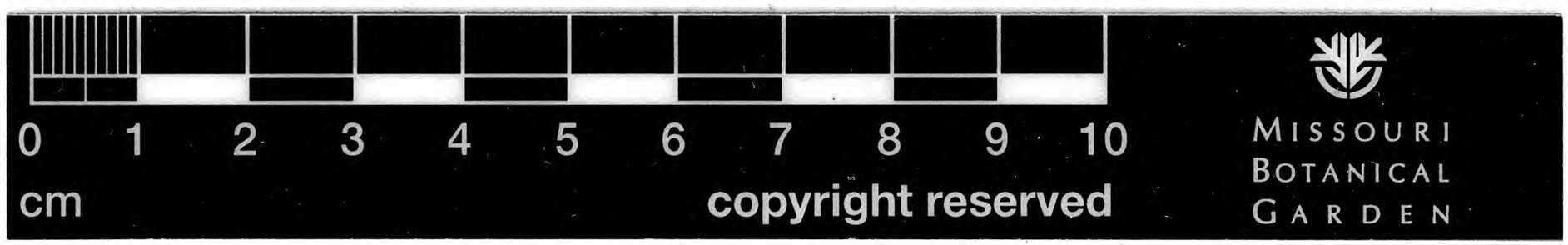
——— Wild Ar. 215 = P. microcarpa fide Pursh II. 645

——— Hook Flor Bor Am II. 164

——— — Loud Conif 932

Larix — Salisb in Linn Transact. VIII. 313

——— — Carrière 279



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Pinus intermedia Du Roi Harbk. II. 115.

= Larix peadula, var of L. Americana

fide Loud Arb IV. 2400

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Pinus Americana Gaertn = Abies dentulata Mich. fide Mich II. 207

P. ——— Du Roi Harbk. 2 p. 107. = Pinus Canadensis fide Pursh II. 640

Larix ——— Lin

Mich. Fl. II. 203. = P. microcarpa fide Pursh II. 645 Hook Fl. Bor Am.

Loud Arb. IV. 2399

Gray Man p. 423

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Syn. fide Lond: Pinus lanicina Du Roi
P. microcarpa Willd.
& var: P. pendula
P. intermedia Du Roi

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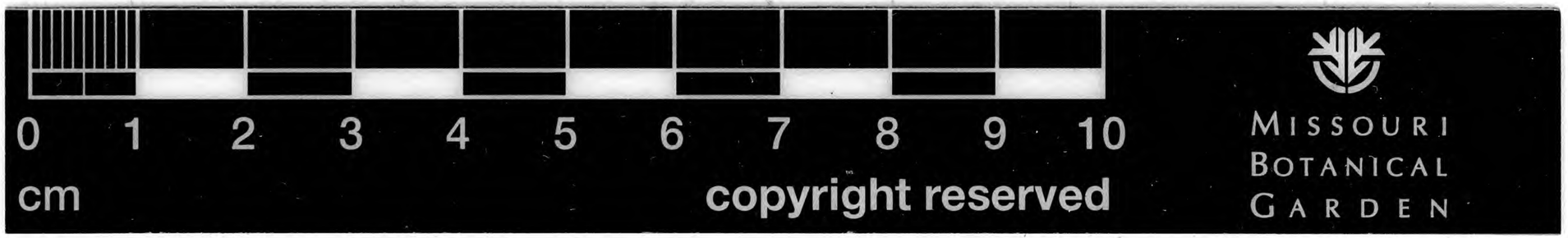
Pinus laricina Du Roi Harb. 2. p. 83 = P. microcarpa Pd Pinus
th. 645



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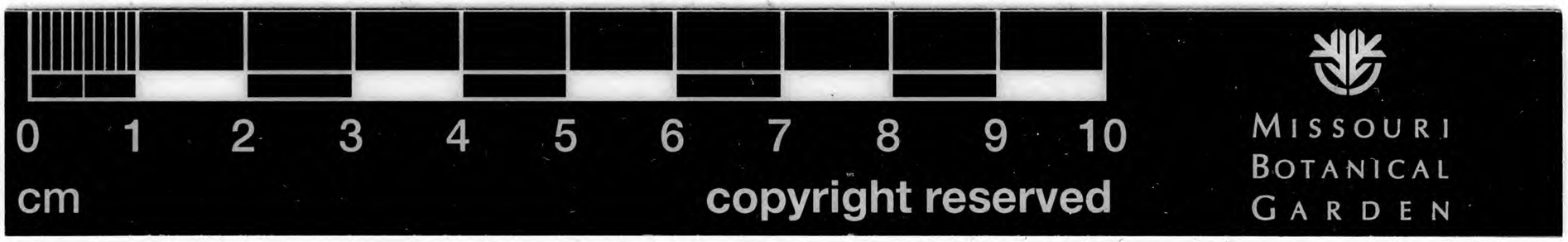

~~Pinus~~

Pinus (Larix) microcarpa Lamb. mon. p. 56. t. 37. Lamb Pin. t. 50

— — Pursh II. 645

Hook. Fl. Bor am II. 164

var Boreal. of L. Americana fide Gray Man. 423

— — Endl Conif. 132

Larix — Forbes in Arch Woburn 139 t. 47

— — Carrière 275

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

LEITCH & CORLIES,

DRUGGISTS,

South-west Corner Fifth and Market streets.

Nashville Mississippi
Collins & Lucas
10 6 4 9
58

3 Opuntia [illegible] 280 | 280 | 1200 | 0,043
70 | 3300 | 30 | 44

~~2 Arcuipelt~~ [illegible] ~~Mouth~~

2 [illegible] [illegible] Mouth [illegible]

[illegible] Mouth

[illegible] Allum

Mouth

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Measurement of

~~Diffe~~

1 Pollen grain of Lonicera Amoena

1	×60 = 5.1 mm	0.085
1	×75 7 mm	0.096
1	×110 10.4	0.094
1	×153 15	0.098
1	200 18.8	0.094
1	286 285	0.099
1	280 279	0.099
1	360 366	0.102
1	540 548	0.101
1	415 415	0.100
1	530 55	0.104
1		0.104
	1785 82	

Results of different magnifying powers

1 Large Pollen grain of Lonicera Amoena — Longest diameter

12/1176

mean 0.098 millimeters

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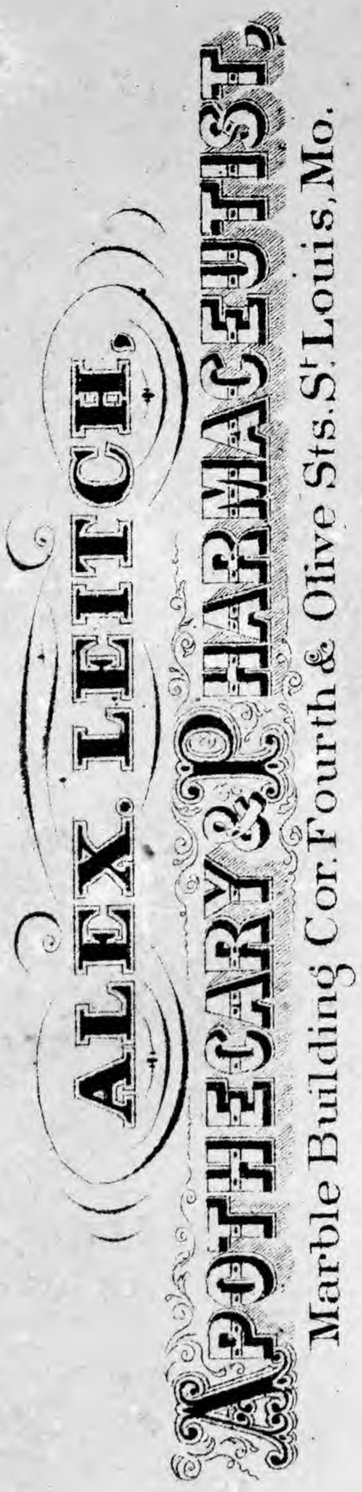

10759

60 / 5.16 / 0.0850

75 70 /

25 240

5 48 / 96

12 / 1176 / 92

108

96

110 / 104 / 94

99

50

153 .1500 / 98

1377

1230

200 / 188 4 / 94

280 279 /

36 366 / 540 / 548 / 10

360 80

53 / 55 / 104

200

785 820 / 104

785

360 3500

3140

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