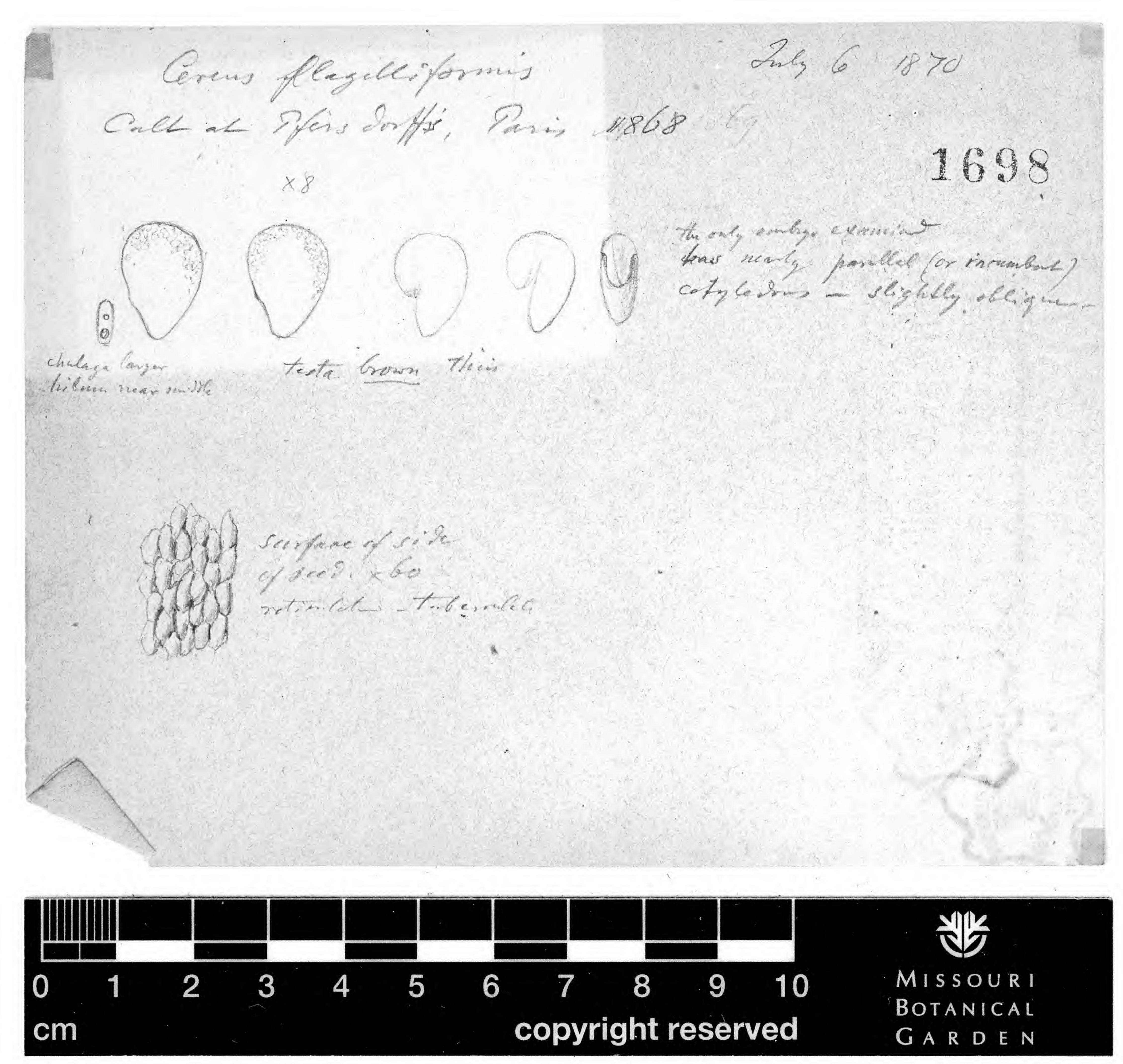
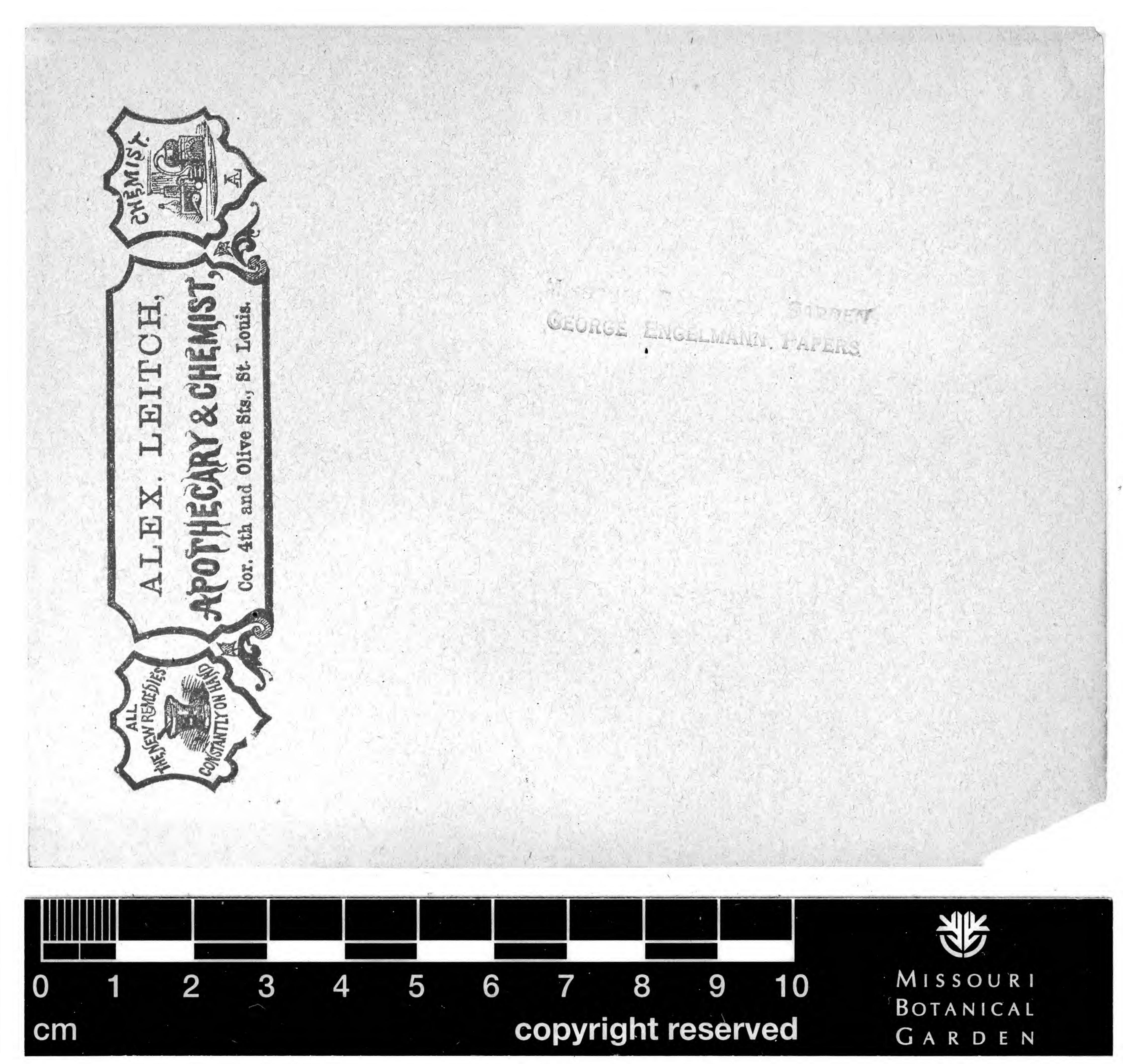
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GEORGE ENGELMANN Botanical Notebooks

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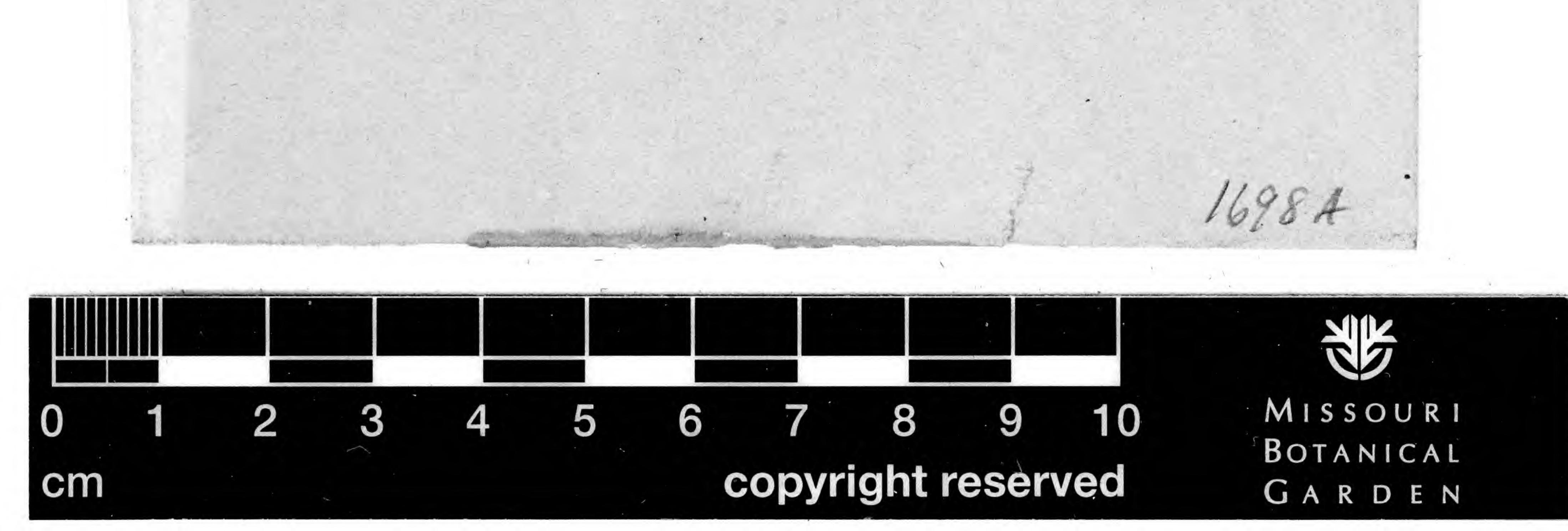
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of the ensuing year to the examination of the principal herbaria, Willdenow, Pursh, and the later ones of DeCandolle and Hooker. After my return the work made good progress; the remain-

which I need not here specify, in Scotland (where the important one of Sir Wm. Hooker still remained), England, France, Switzerland and Germany, namely those which contained the specimens upon which most of the then-published North American species had been directly or indirectly founded, especially those of Linnæus and Gronovius, of Walter, of Aiton's Hortus Kewensis, Michaux, ing half of the first volume was brought out in the spring of the year 1840, and by the spring of 1843 the 500 pages of the second volume, mostly occupied by the vast order Compositæ, had been issued. But meanwhile I had in my turn to assume professorial duties and incident engagements, --- with the result that, although the study of North American plants was at no time pretermitted, either by Dr. Torrey while he lived, or by myself, we were unable to continue the publication during my associate's life-time; and it was only recently, in the spring of 1878, that I succeeded in bringing out, in a changed form, another instalment of the work, completing the Gamopetala. In the interval I had made two year-long visits to Europe for botanical investigation, the first partly relating to the botany of at ----th Amerithe South Pacif

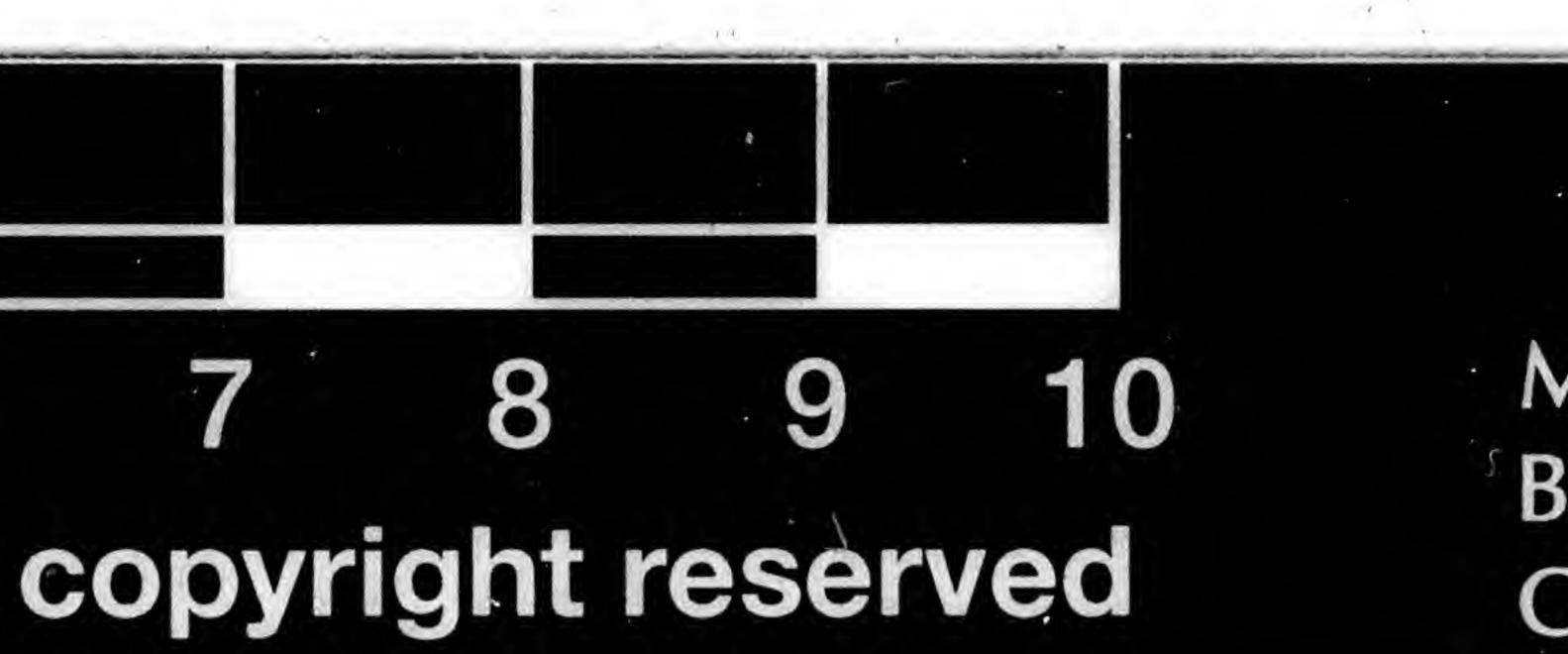
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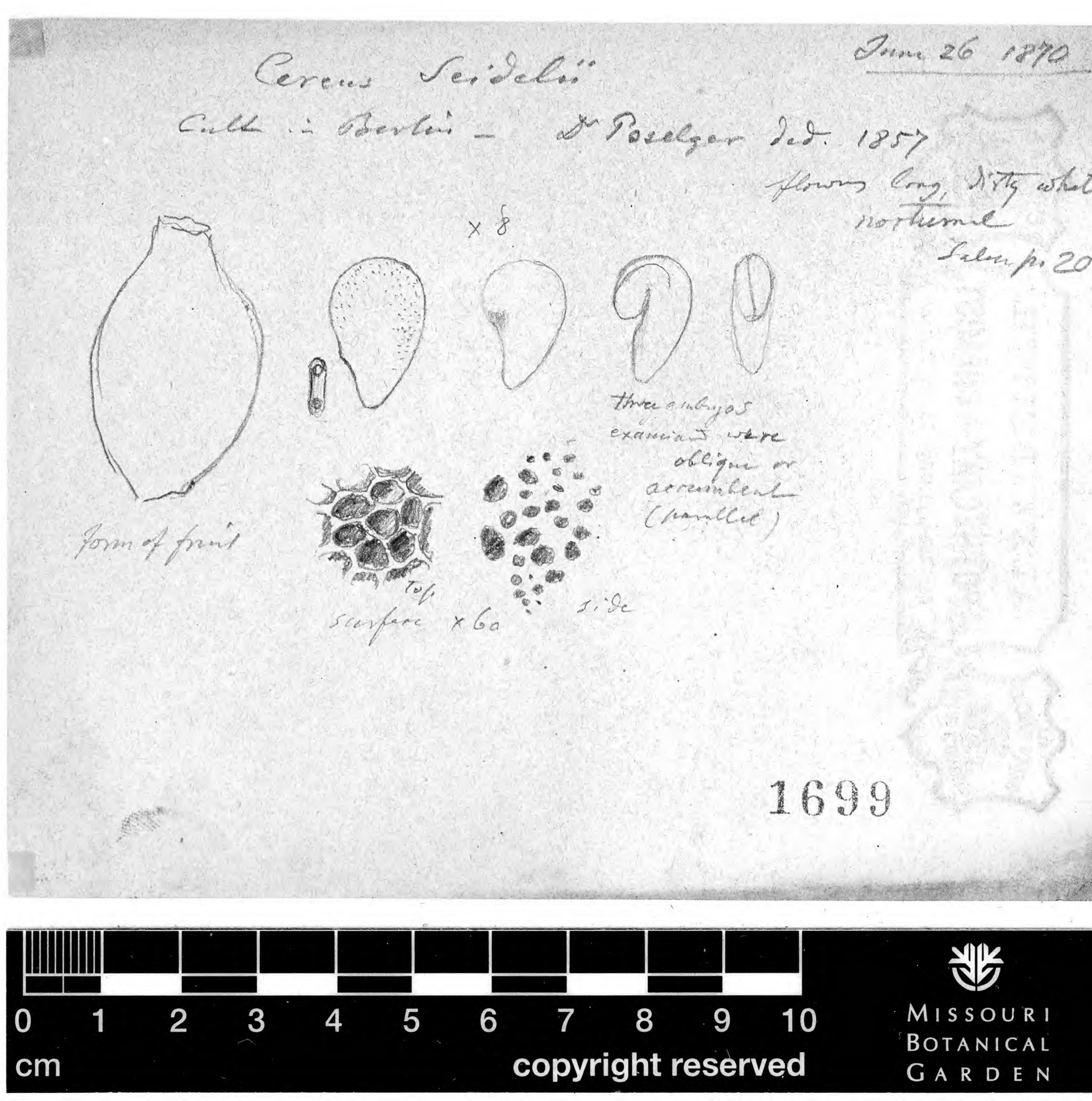
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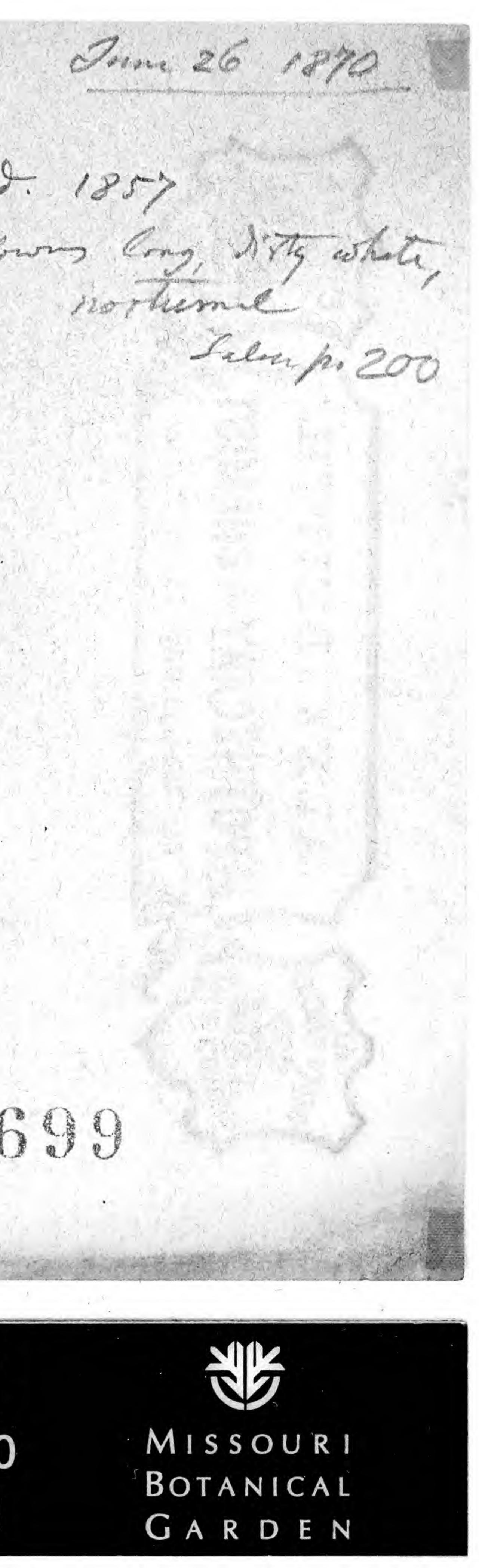
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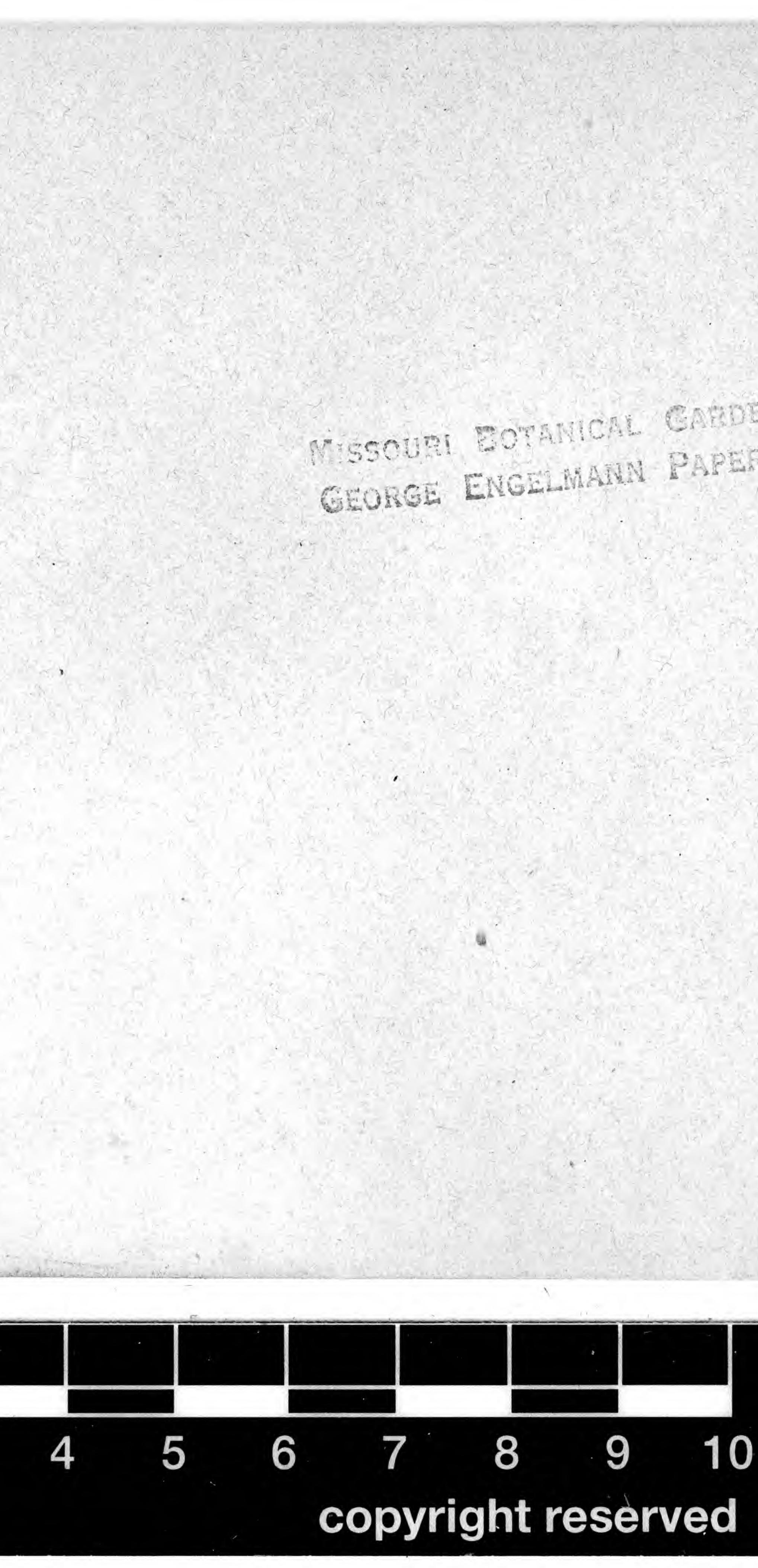
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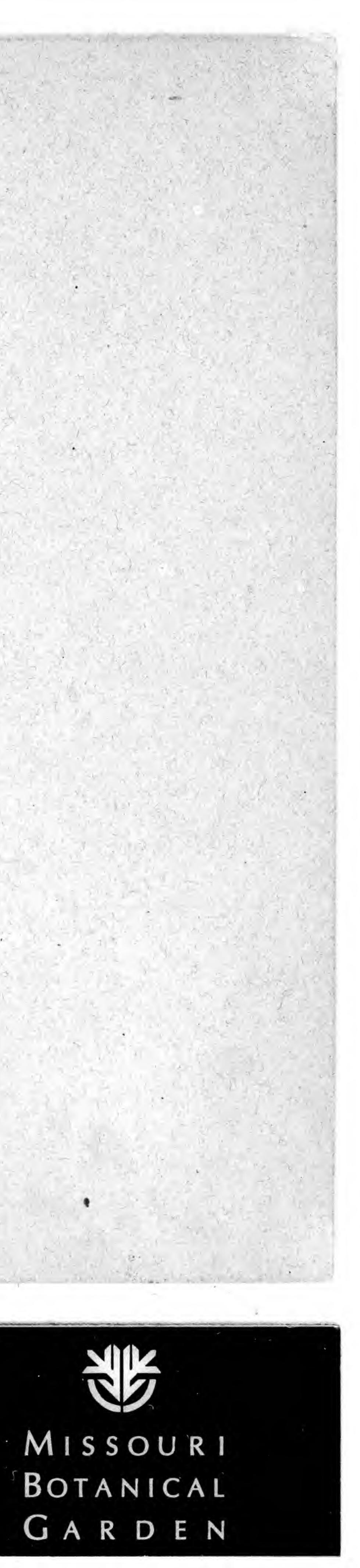
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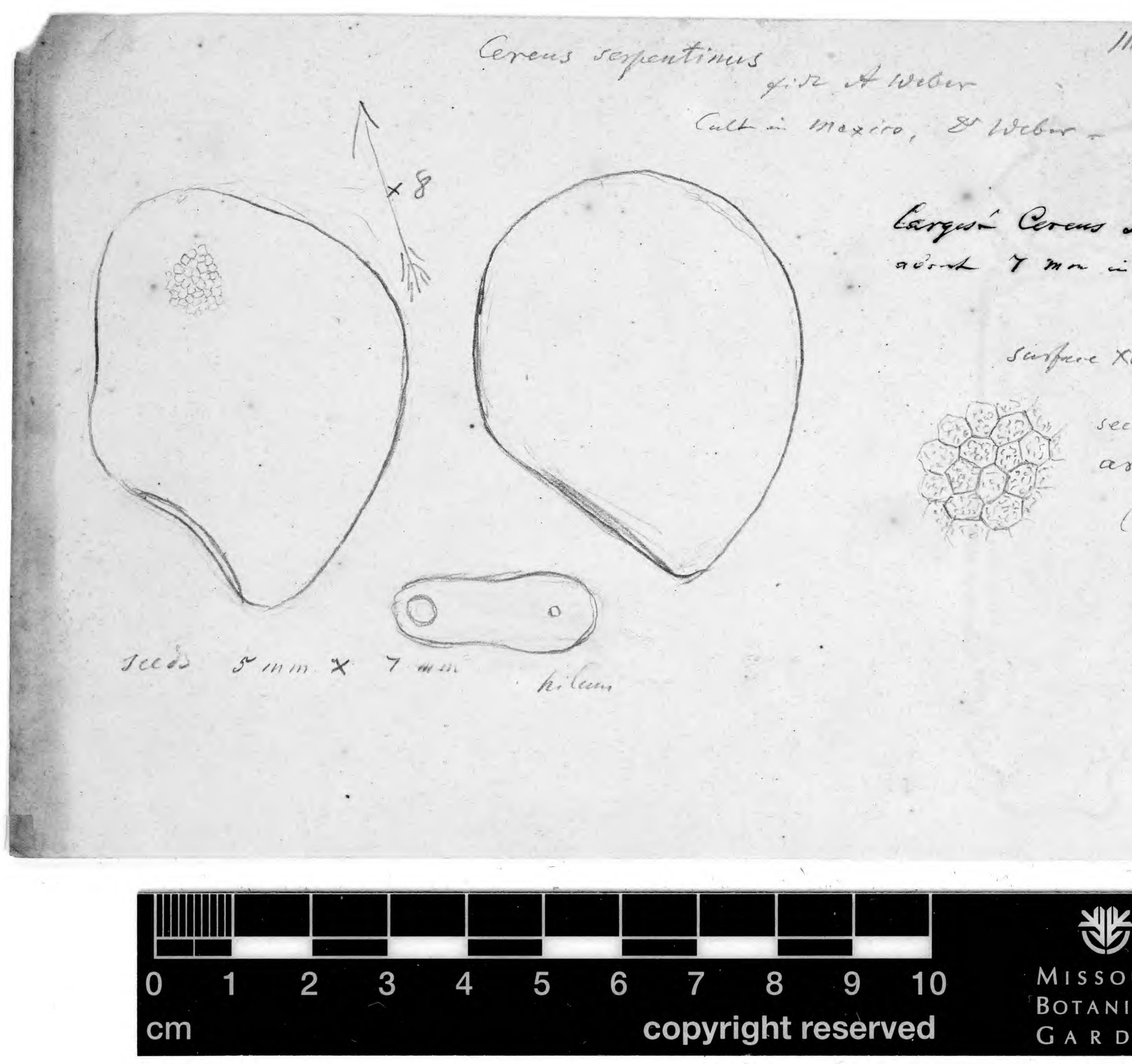


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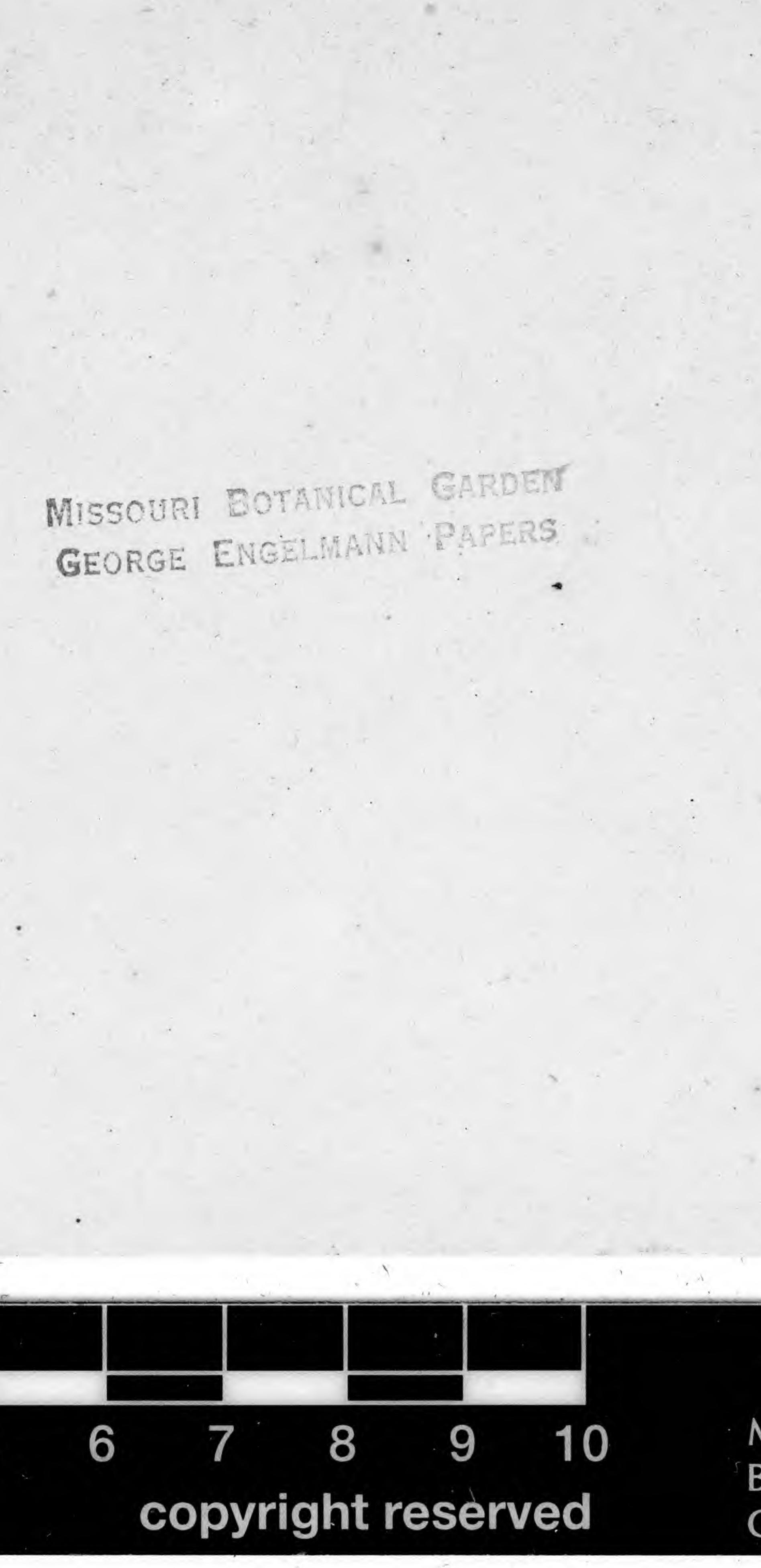
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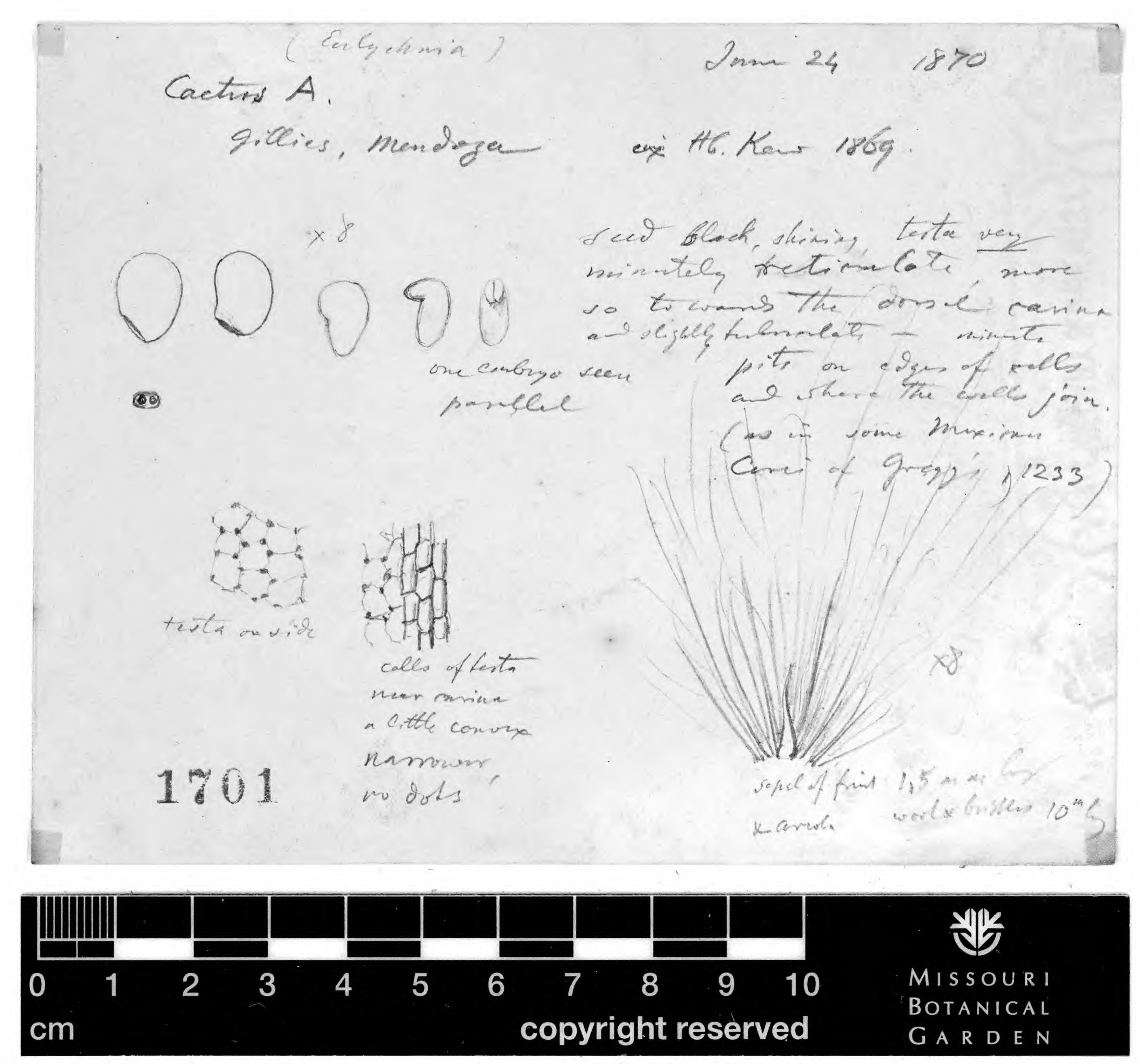
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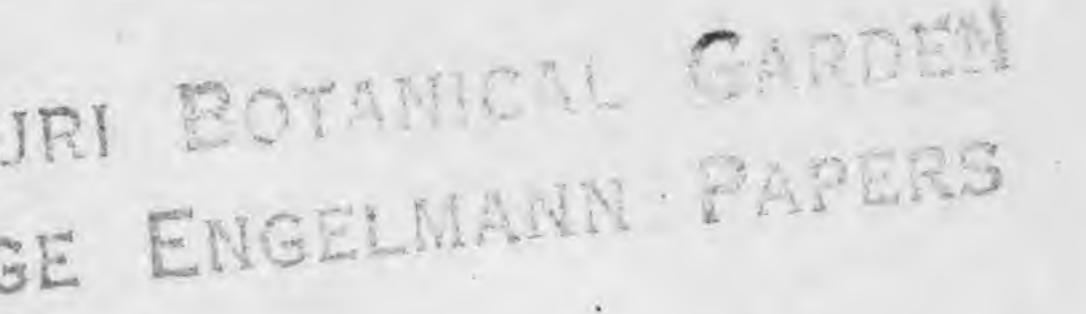
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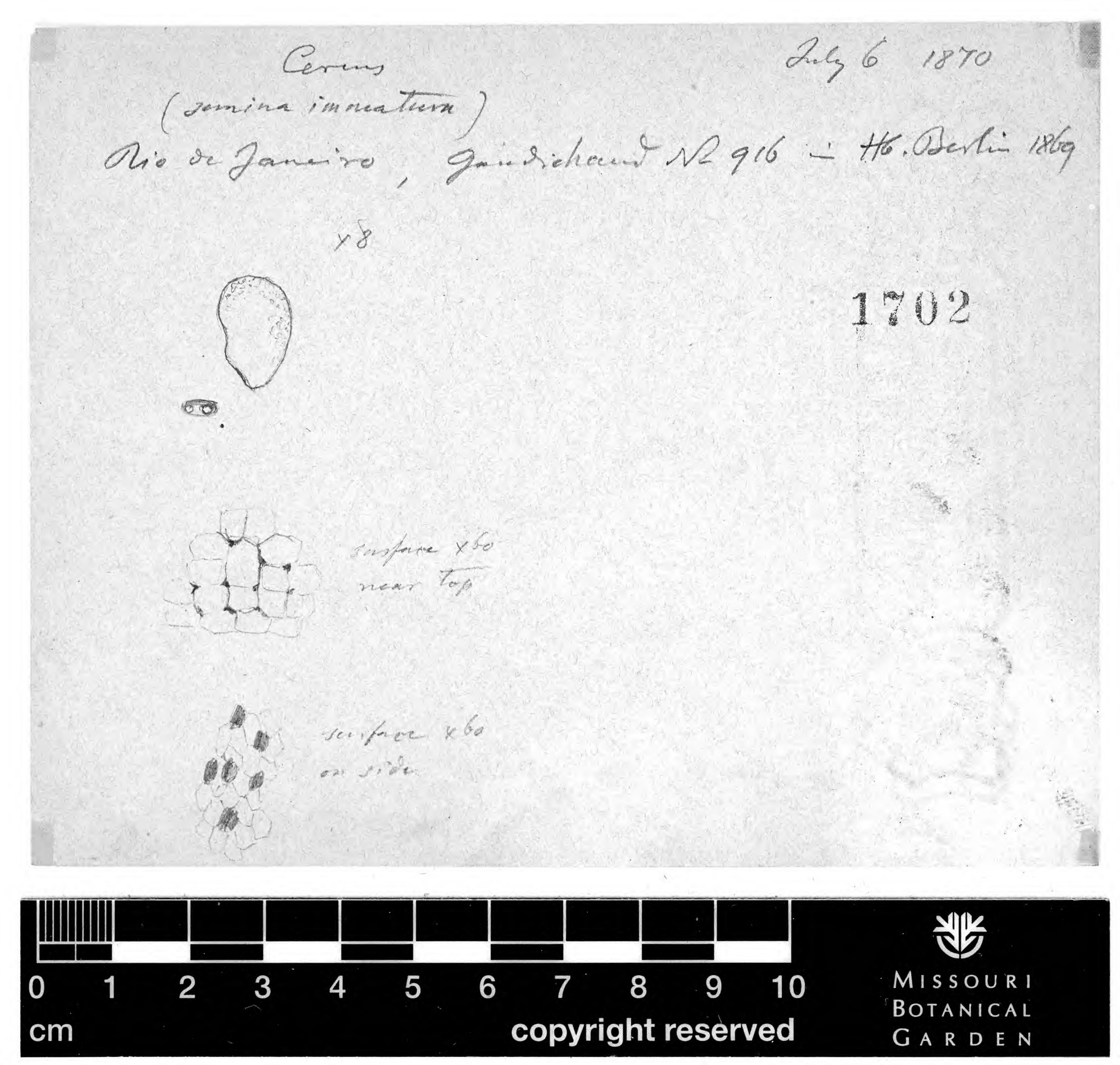
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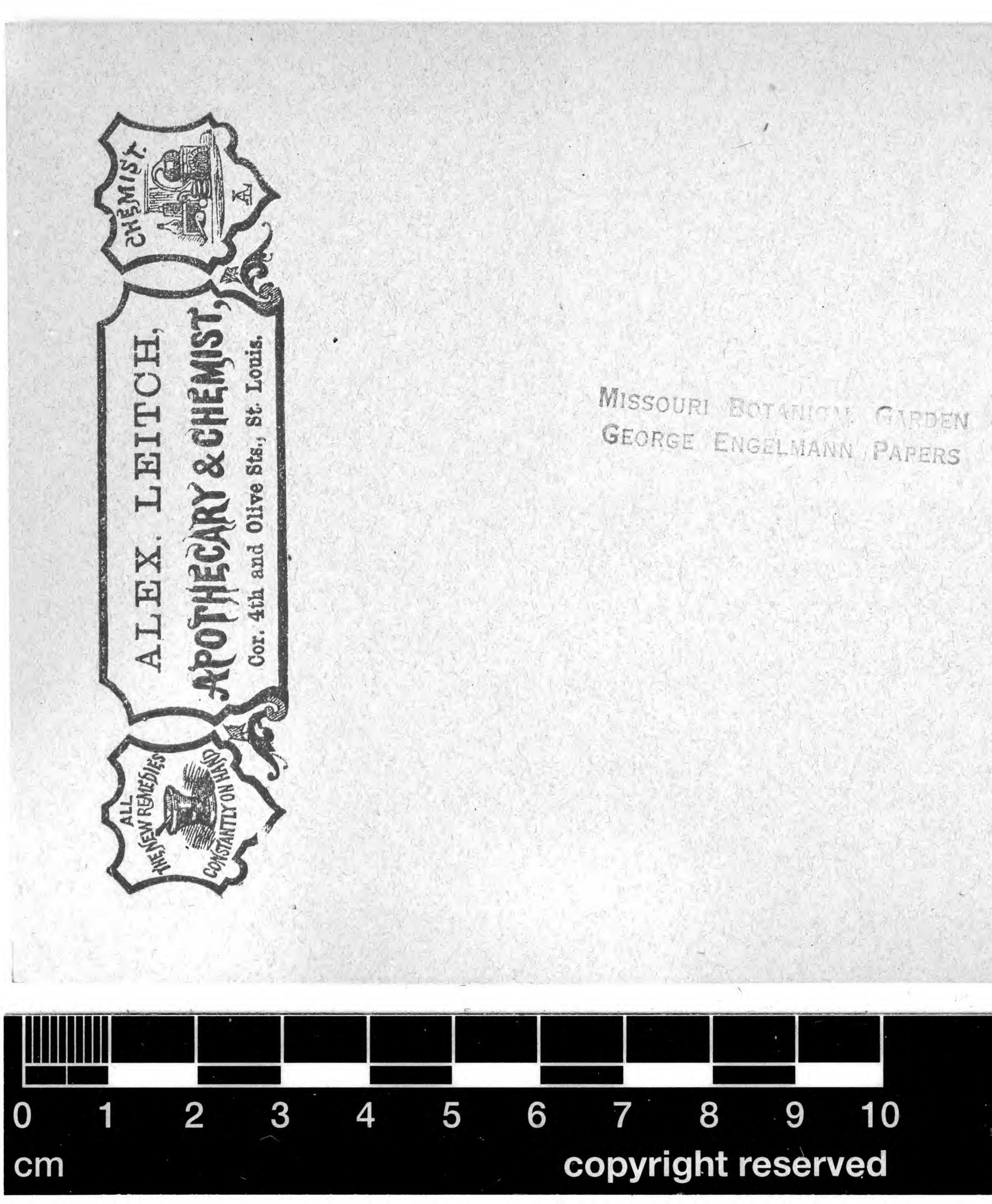
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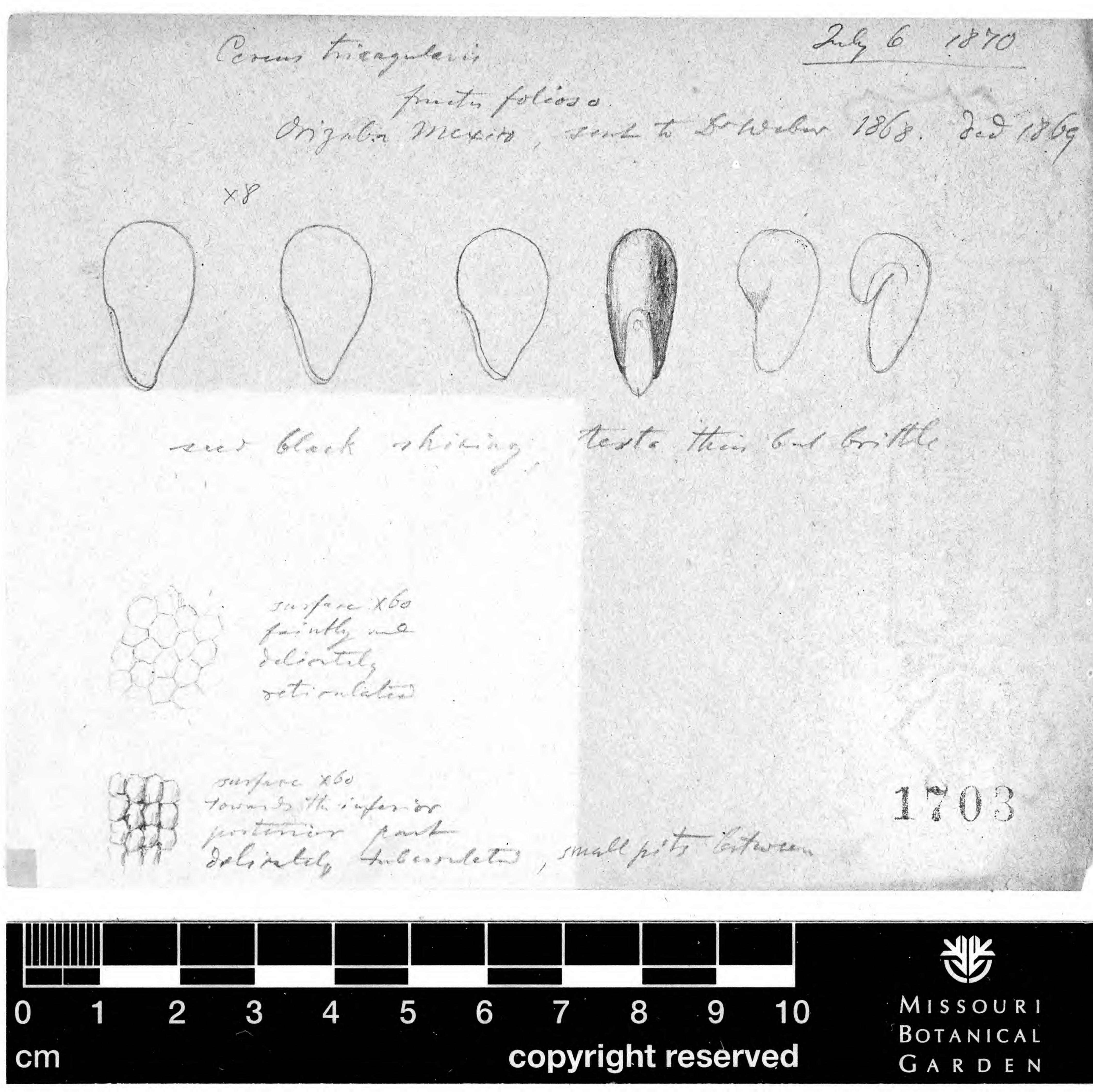




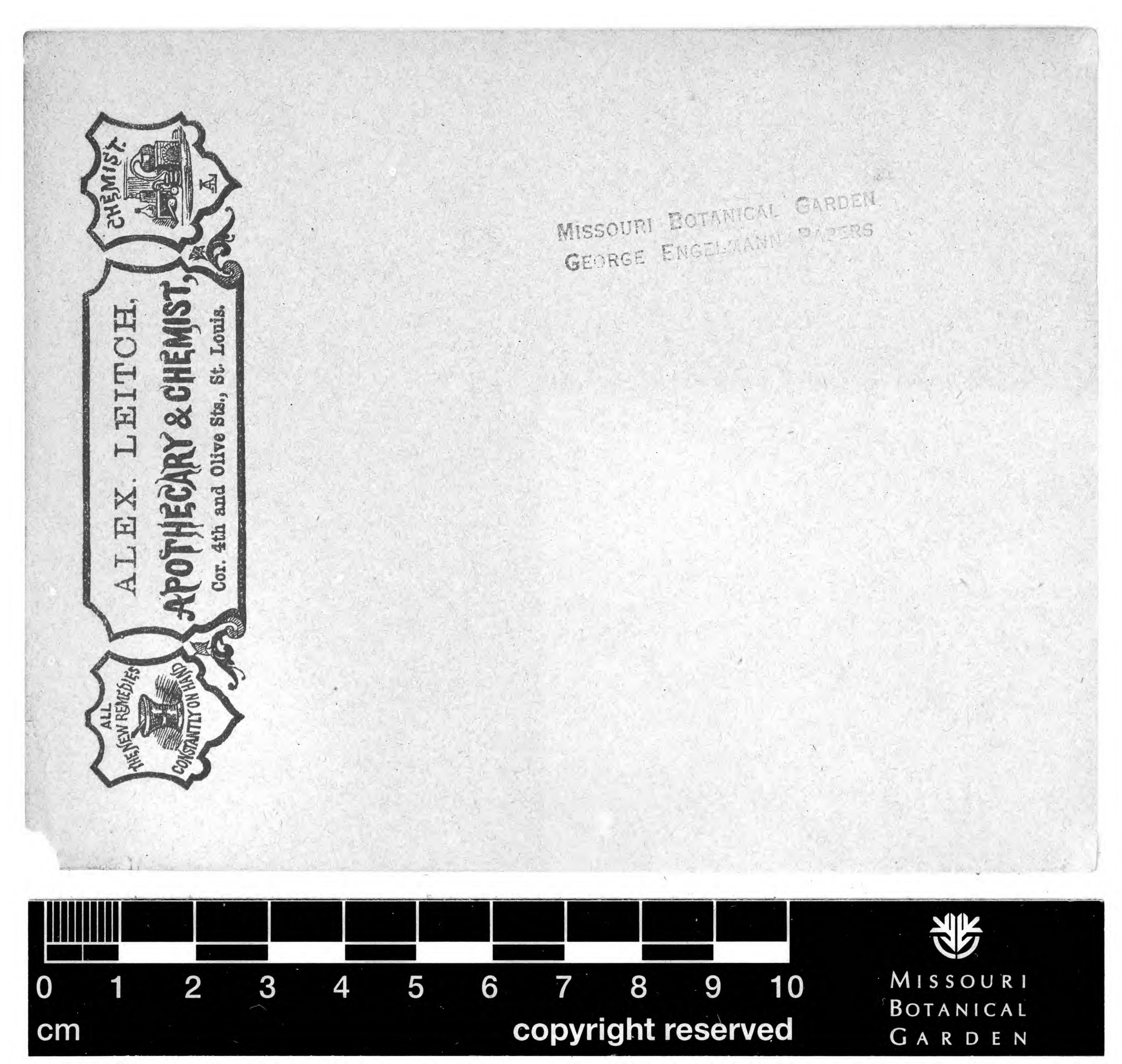








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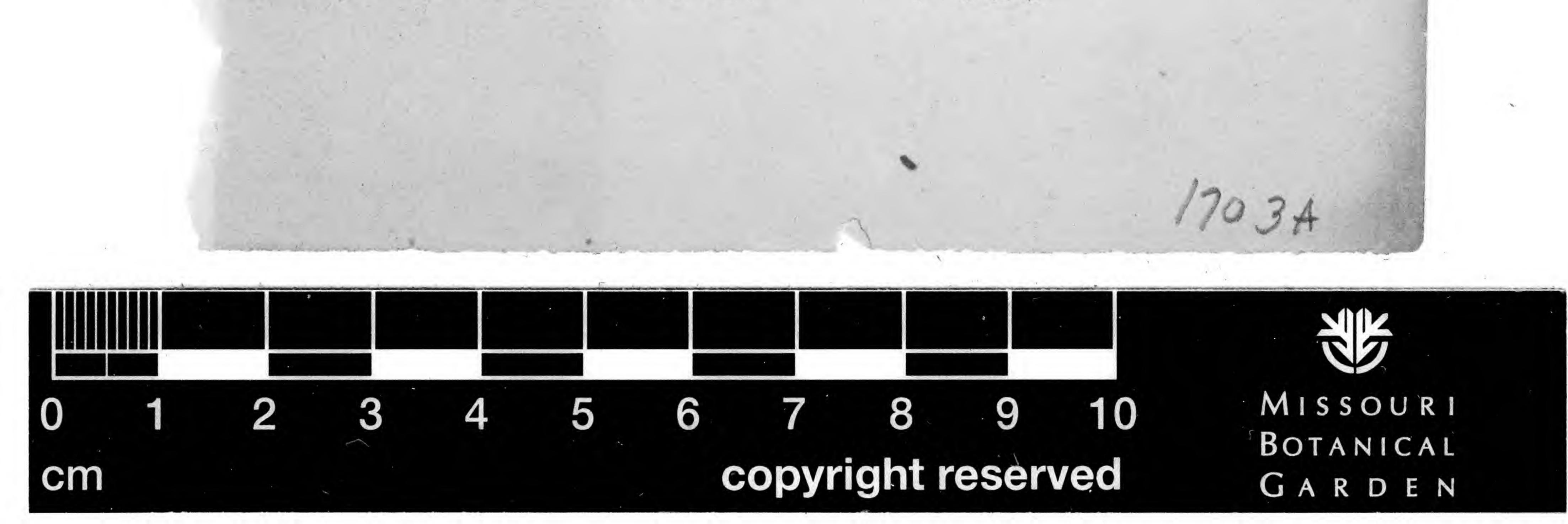
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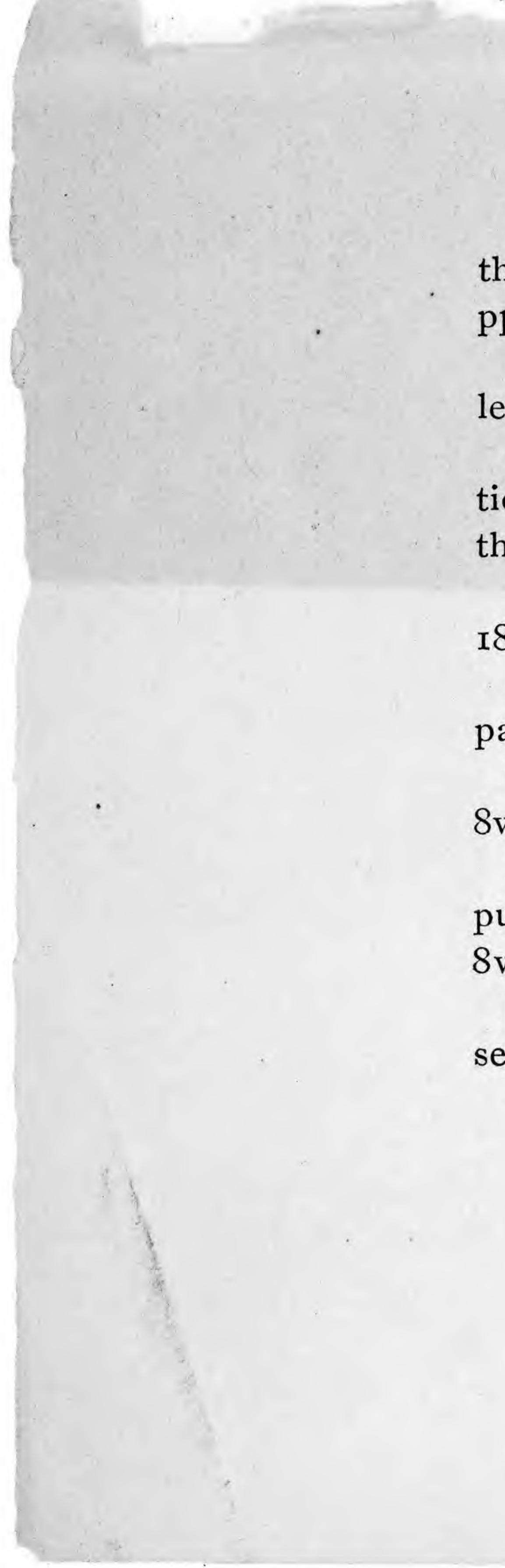
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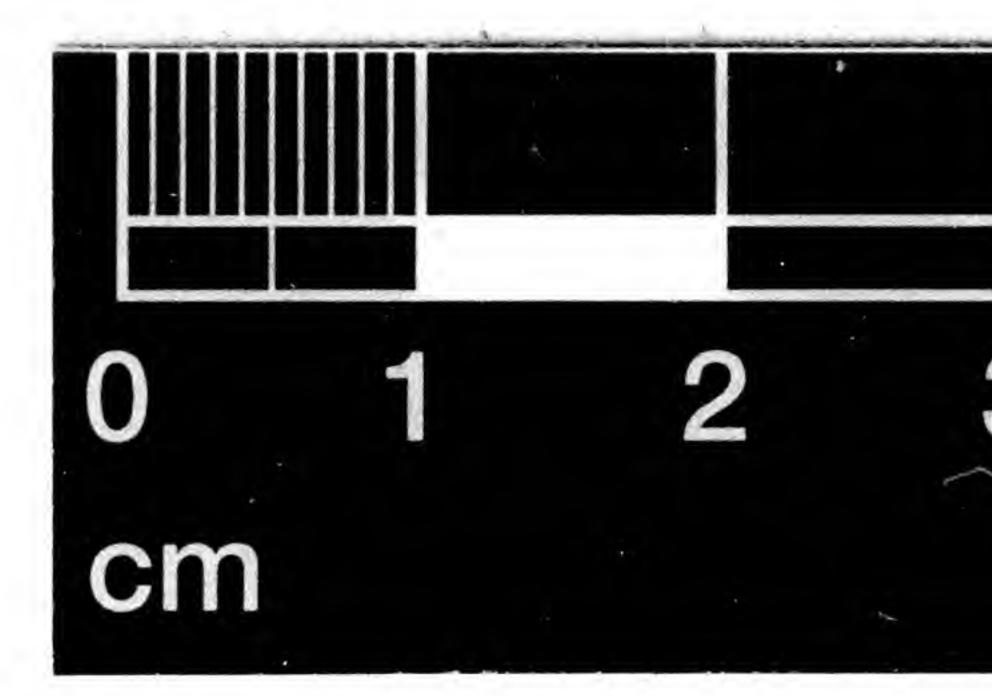
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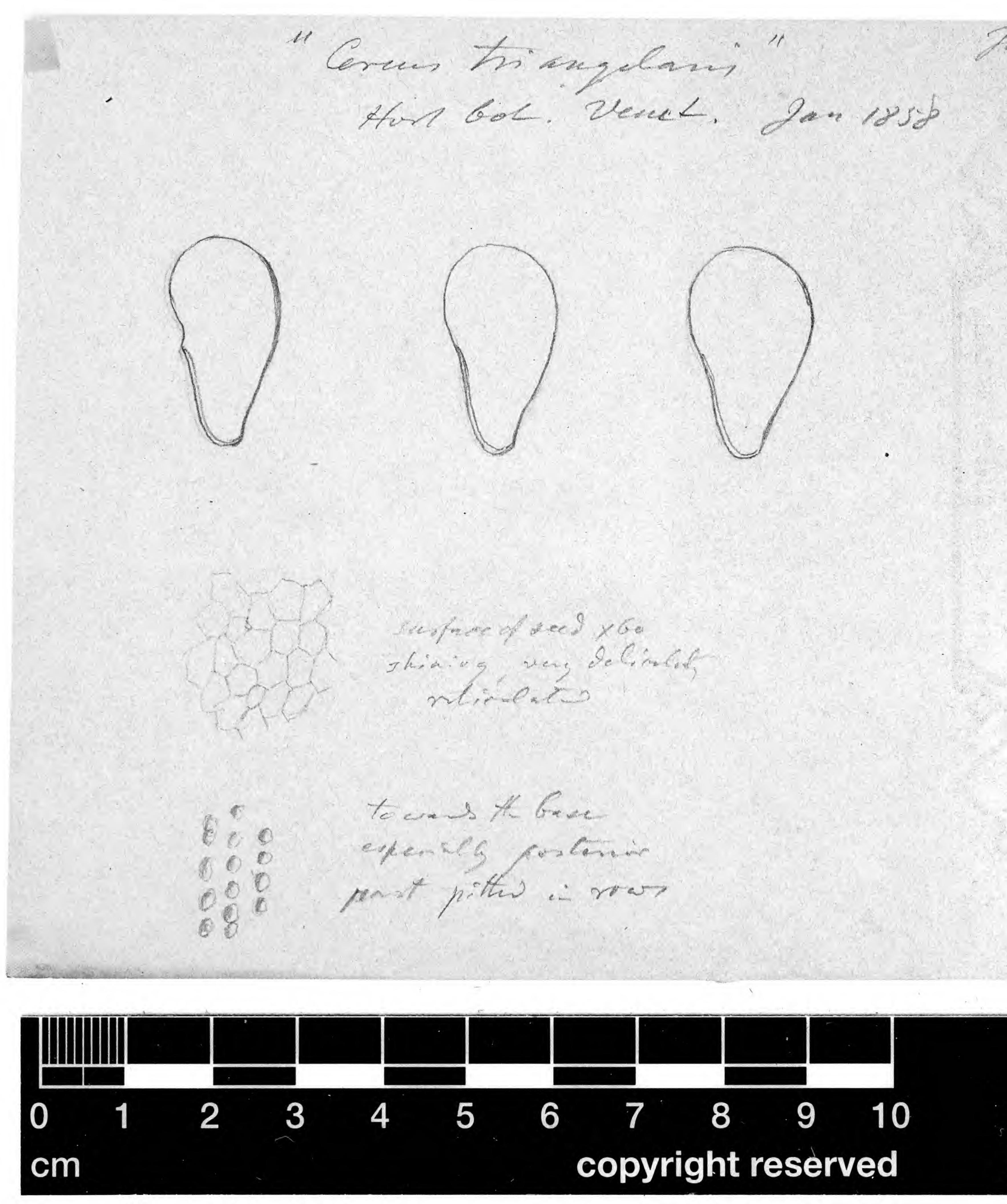
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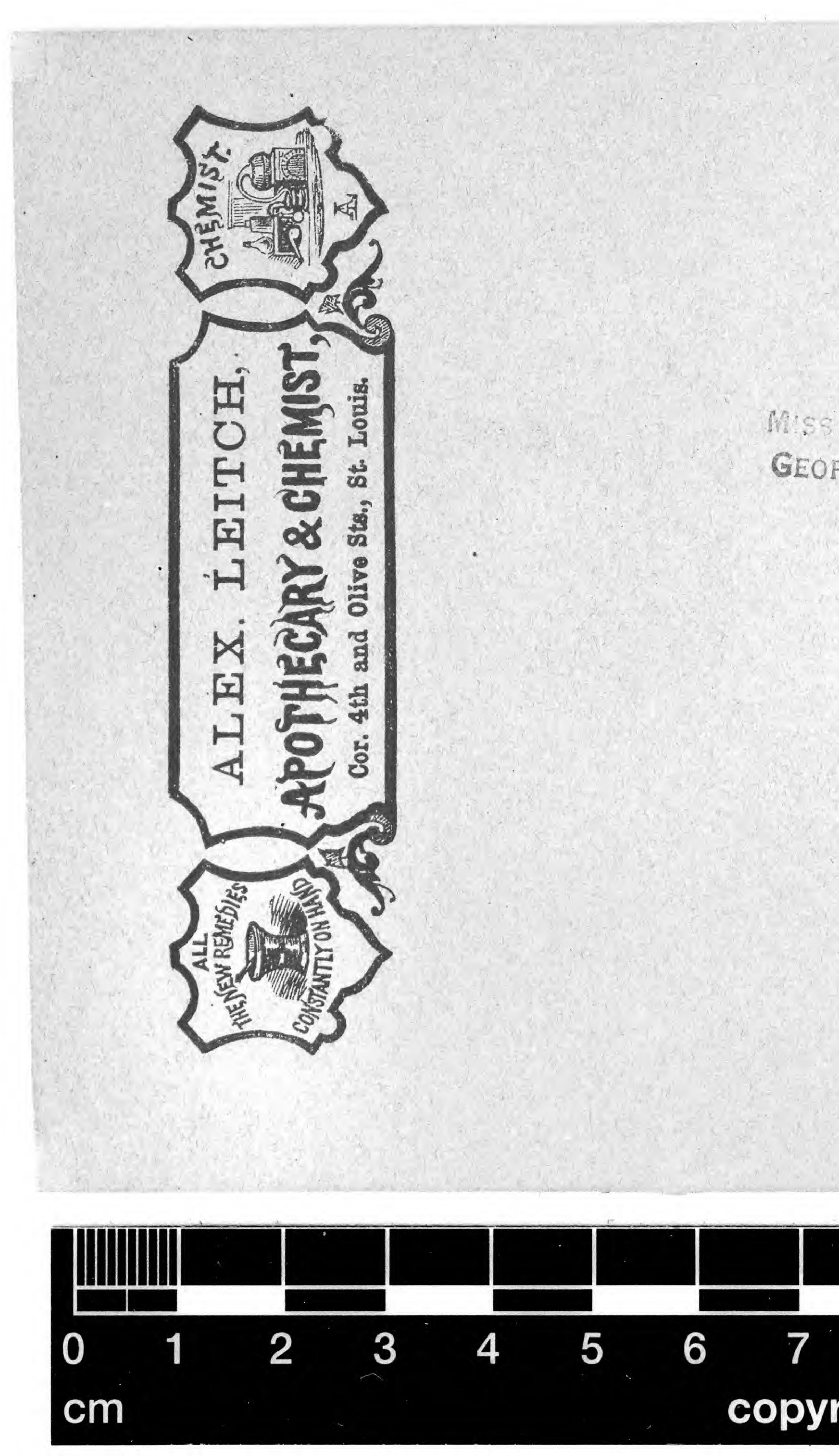
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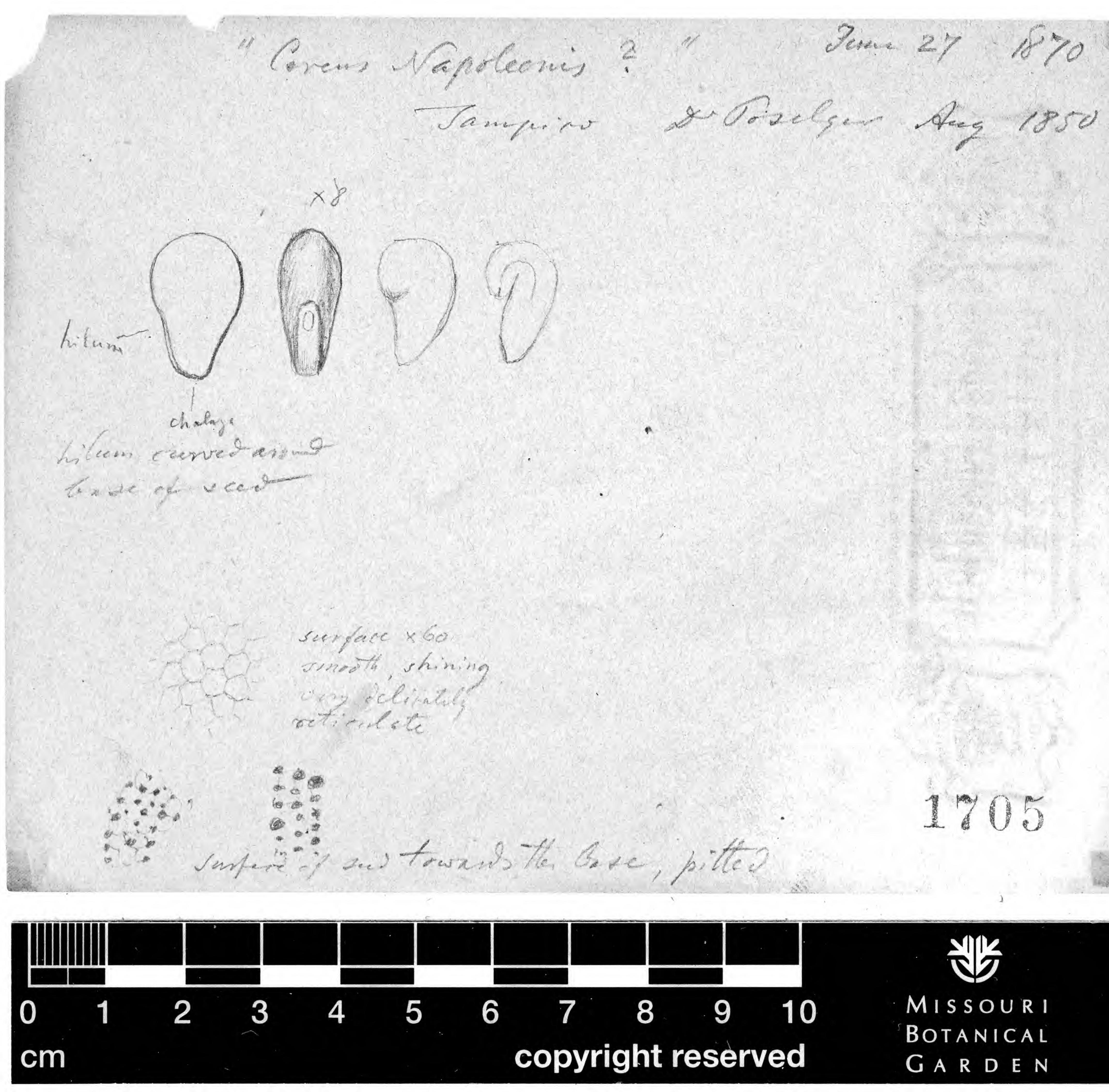
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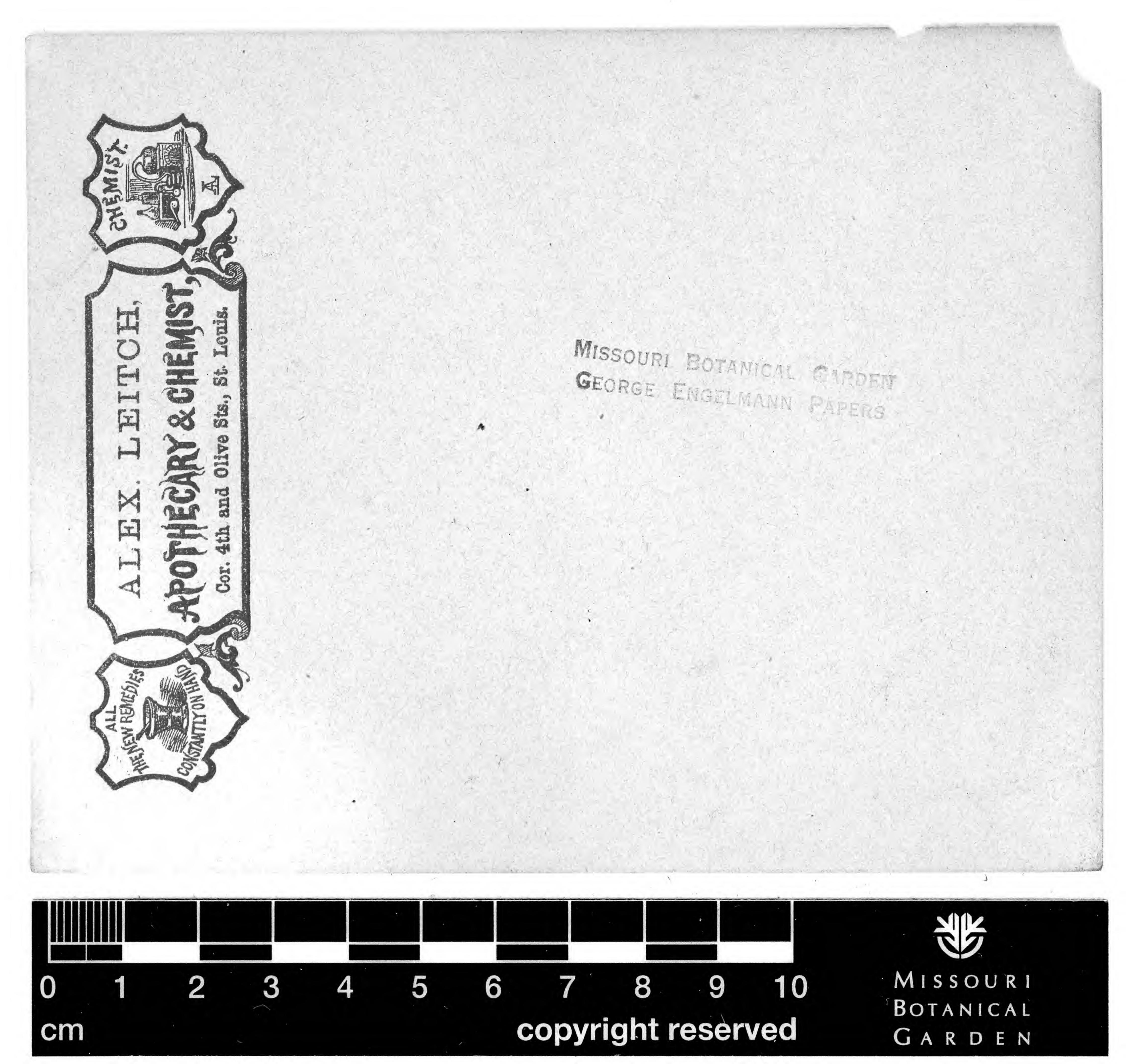
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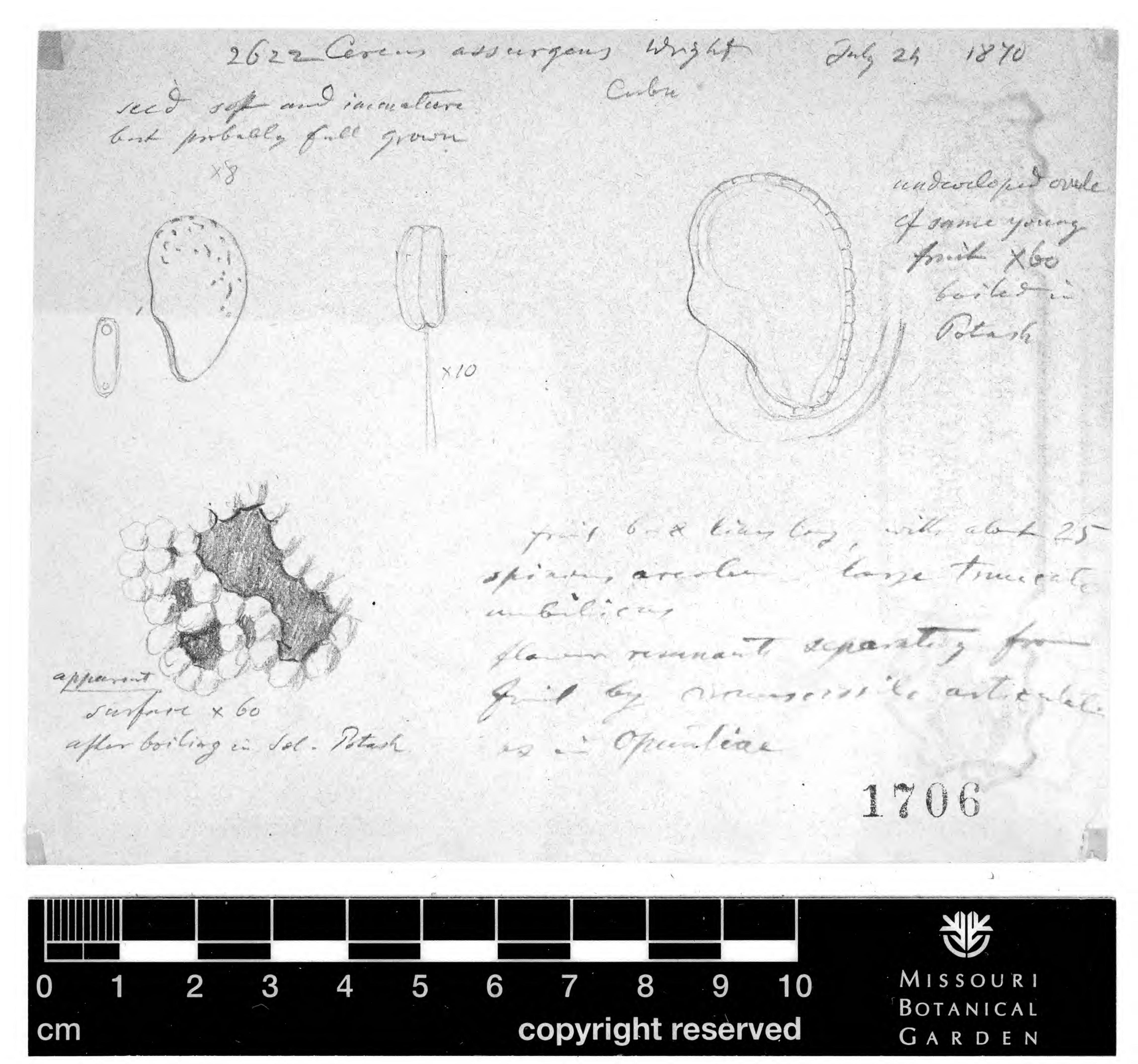
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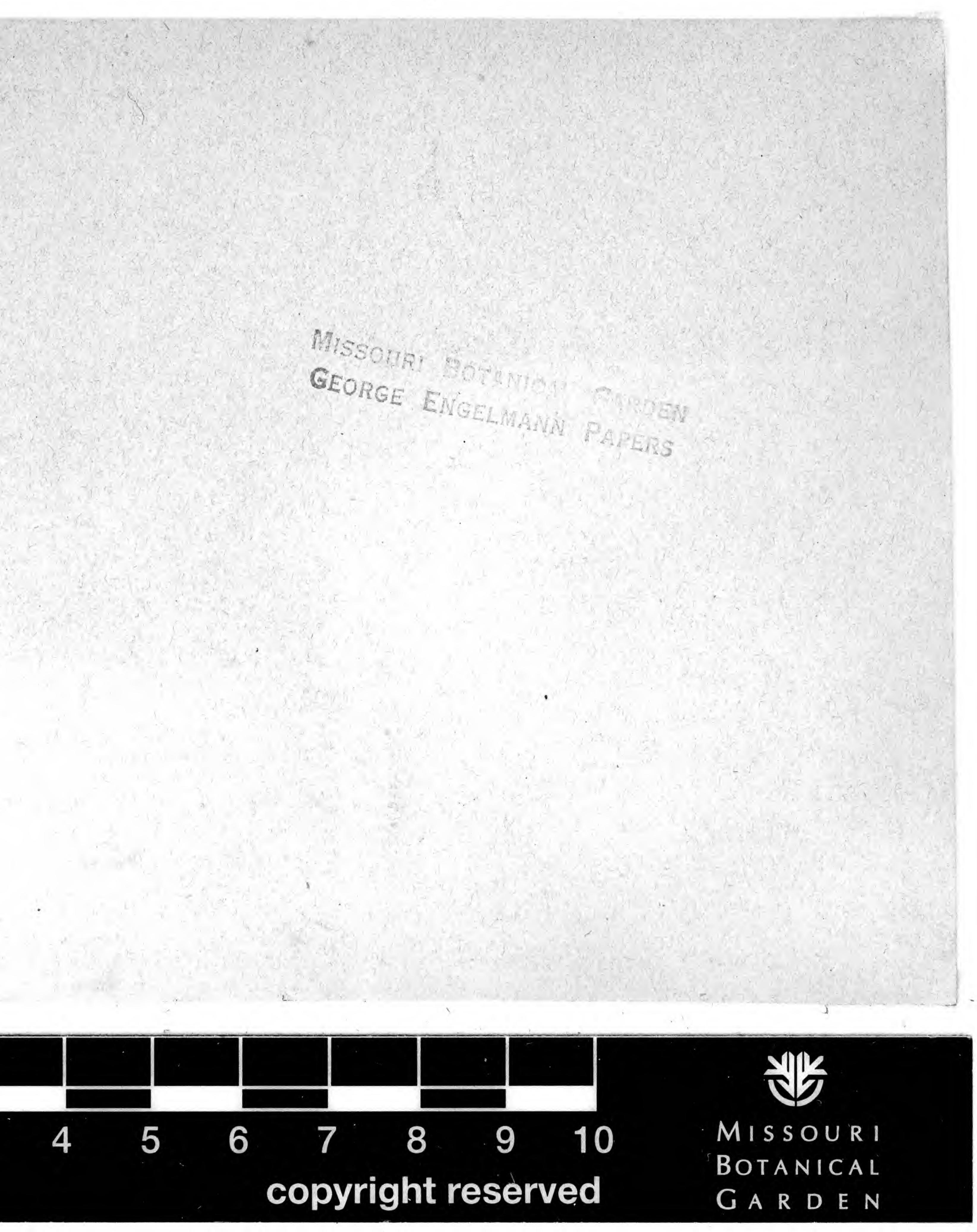


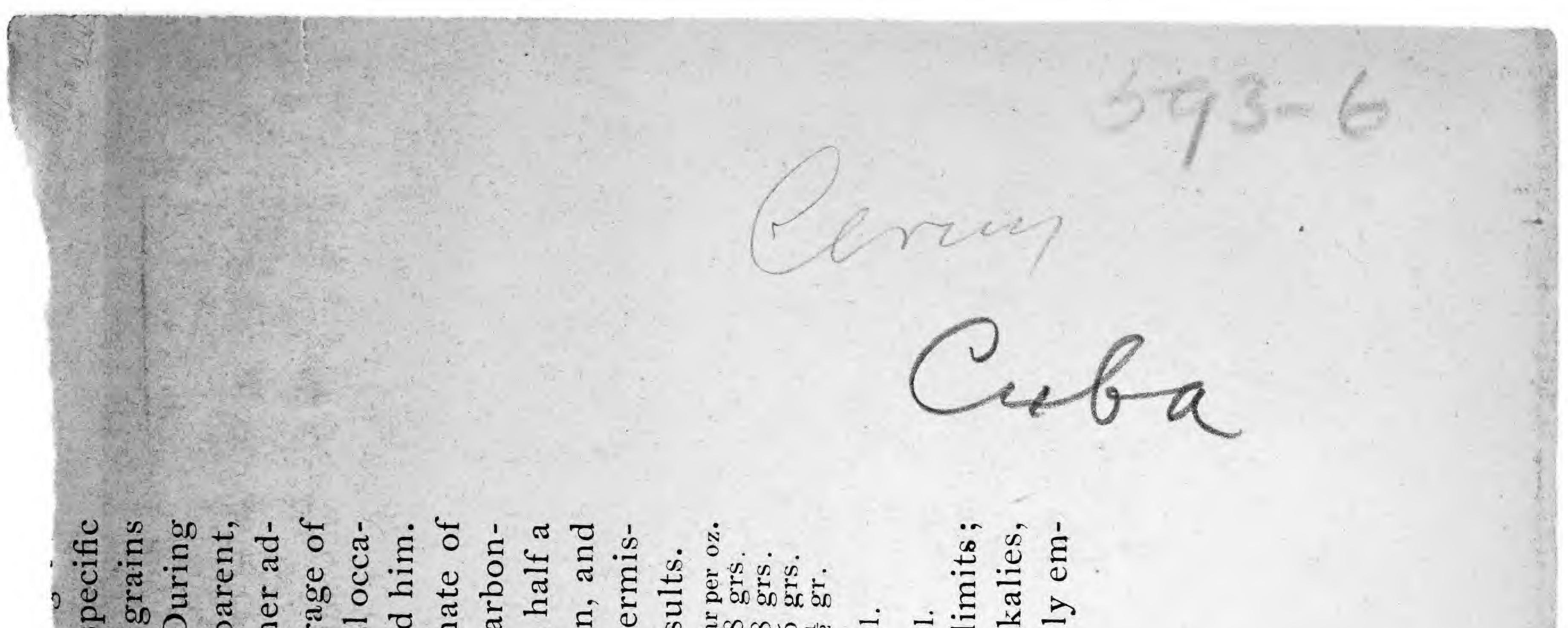
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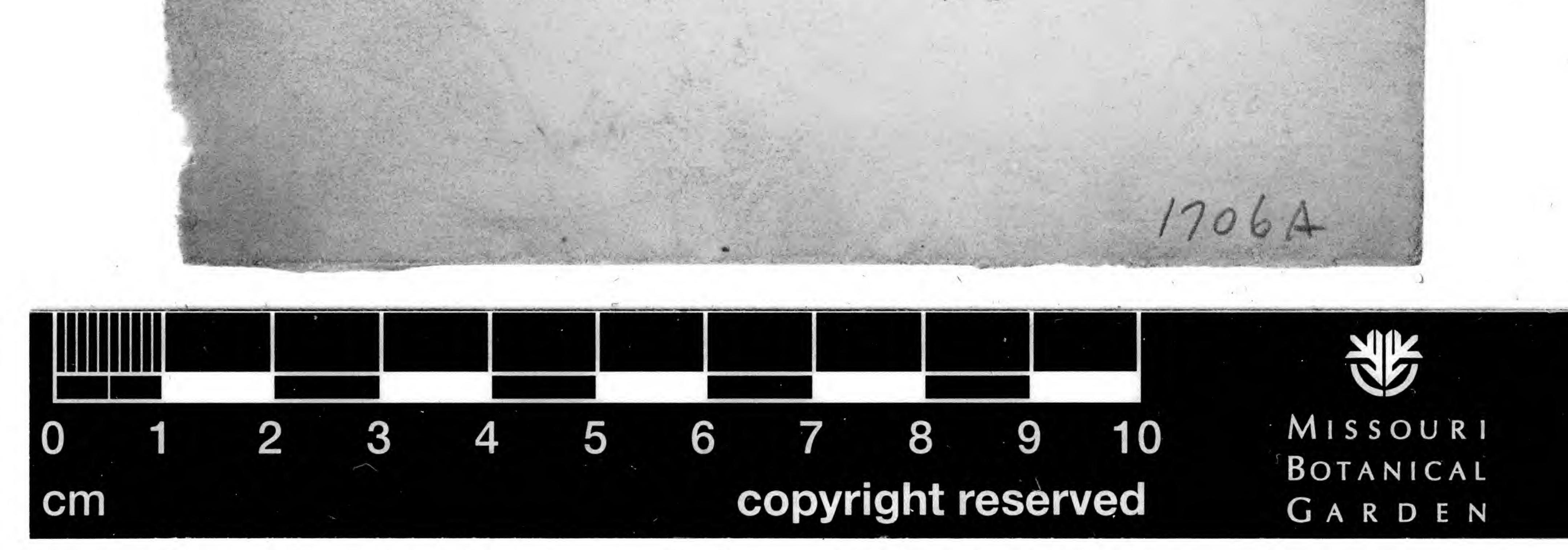
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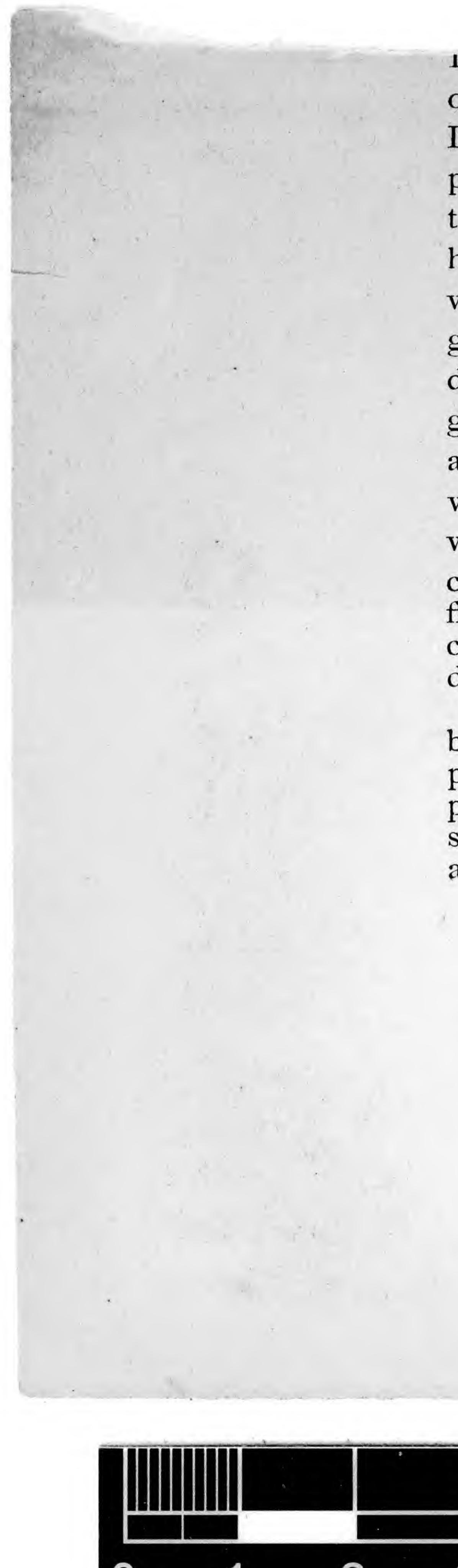




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limi alkal 5 N.I. IIZ. successfull -IN reasonable by treatment 1024 1026 1018 been of crystals urates, and beyond . \$ ha of e 7 eat increase of urates) (large proportion of urea and urates) (urea and urates in excess; a large crop f lime after cooling) 1869 (same as above as regards the urea, u me) C G rbear to add that this princip mmonia and its phosphatic sa nt to swell this communication





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It is the same patient to whom a dummered and one observing any beneficial effect, and whose case, in reference to this agent, I mentioned in the Lancet a few weeks ago. The man, a middle-aged person, was passing, under a restricted diet, about six pints of urine, containing upwards of three thousand grains of sugar, in the twenty-four hours. At first, after the ozonic ether had been discontinued, morphia was administered in gradually increasing doses, beginning with half a grain three times a day. The quantity of urine and sugar from day to day declined, and, in the space of about three weeks, disappeared altogether; the quantity of morphia administered at this time being a grain and three-quarters three times a day. After a little while, the morphia was taken off; and in a week's time the sugar began to reappear, and went on from day to day increasing. This state of things was allowed to continue for about a fortnight, when opium was given; and, under its influence, the sugar has again disappeared. I merely here allude to this case; the patient, being still in the hospital, may be seen by any one desirous of doing so.

Of what service as a curative agent, opium, in larger doses than it has been customarily given, may prove in cases in general, I do not at present pretend to say. Much more extended observation is required before this point can be determined. Whatever may happen to be disclosed by subsequent experience, it cannot be denied, I think, that we have before us an important therapeutic fact.

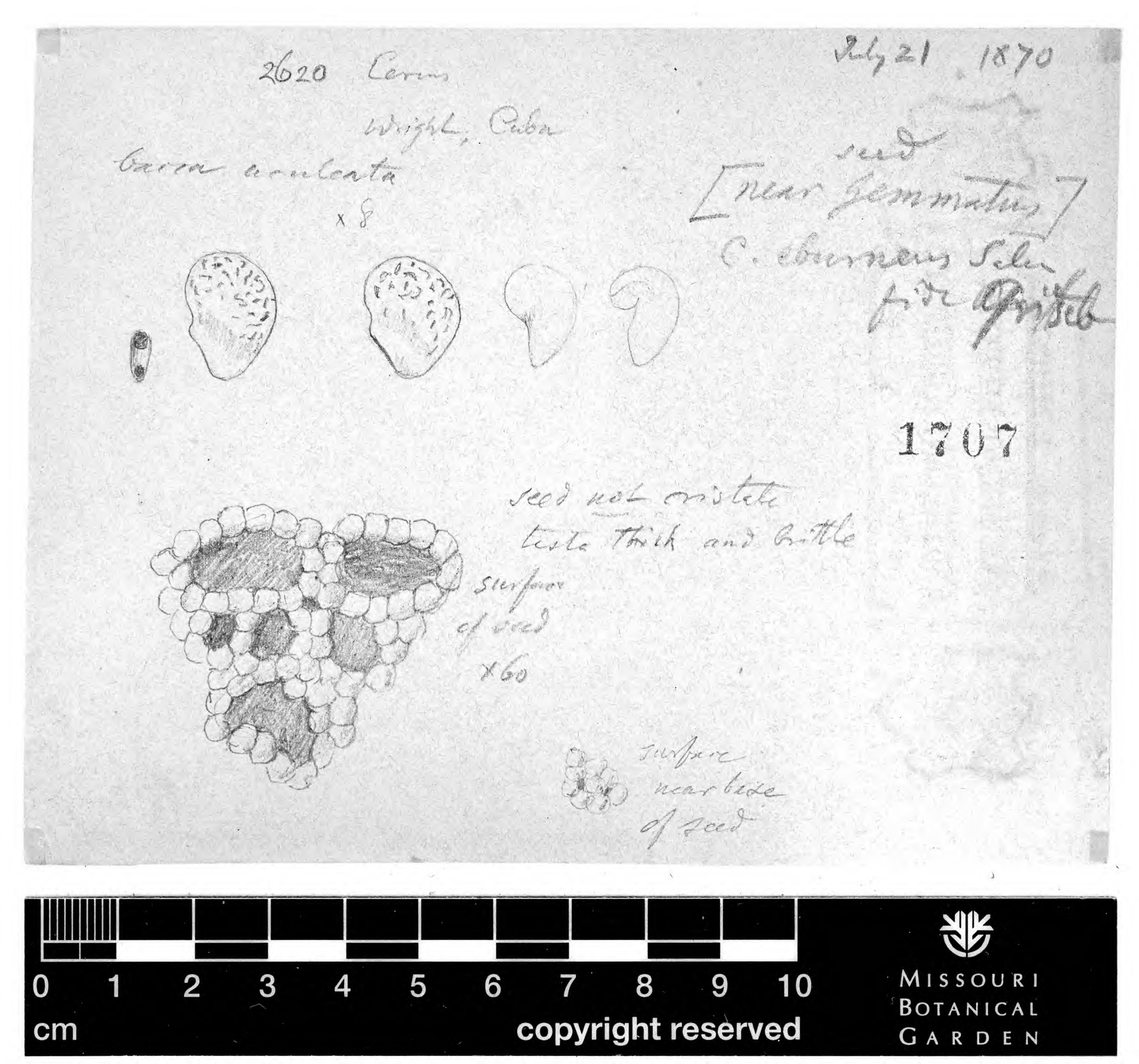
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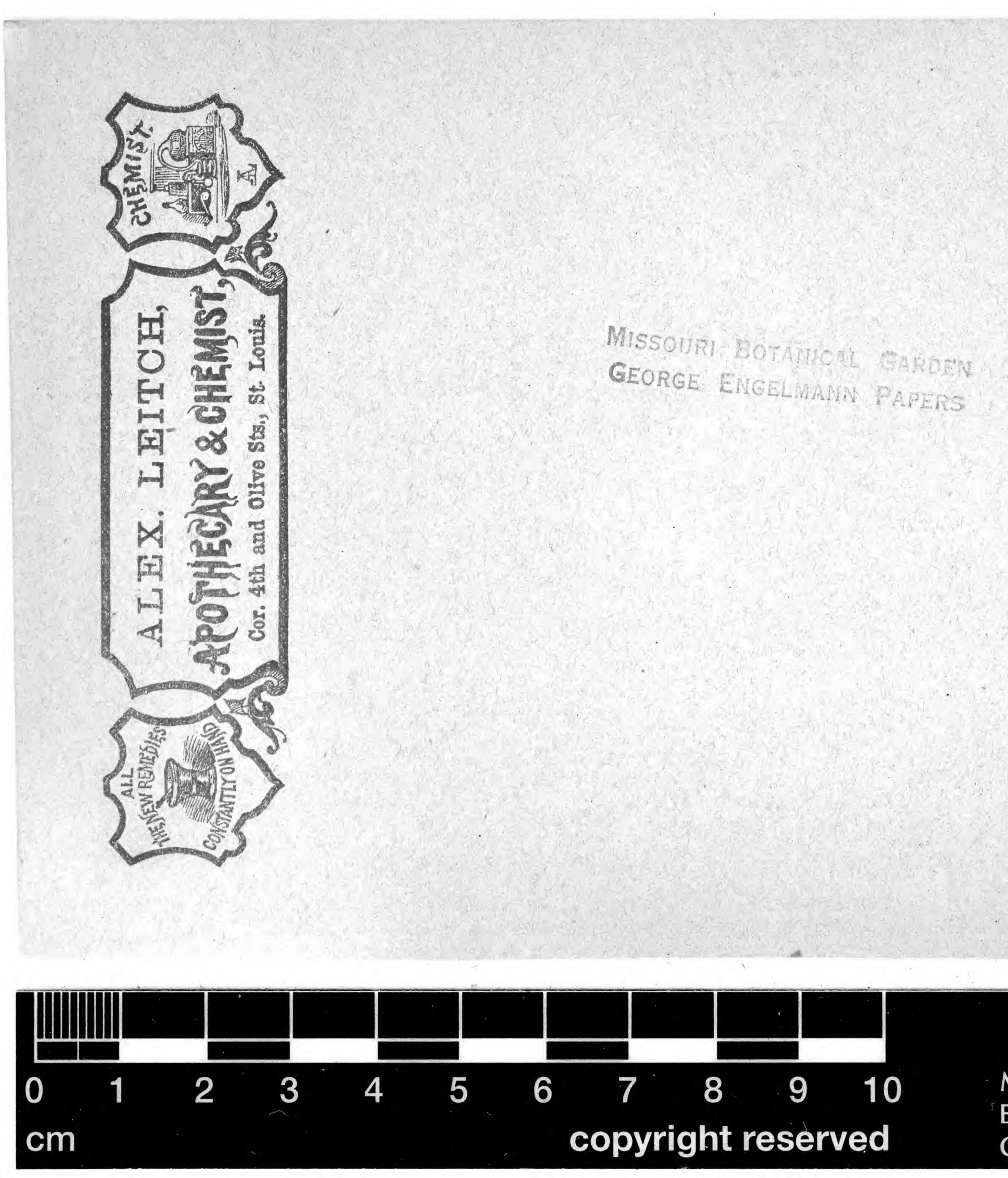
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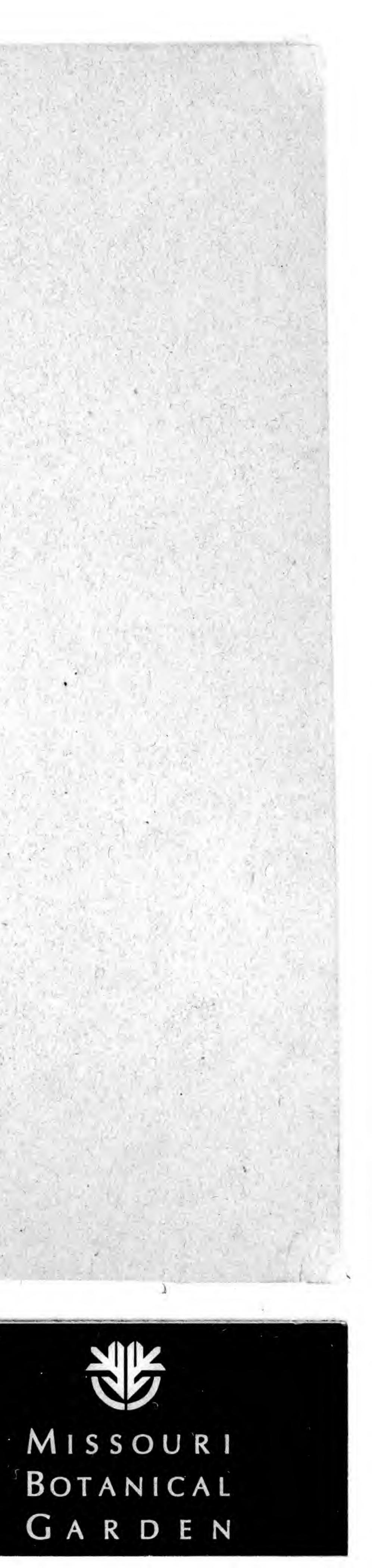
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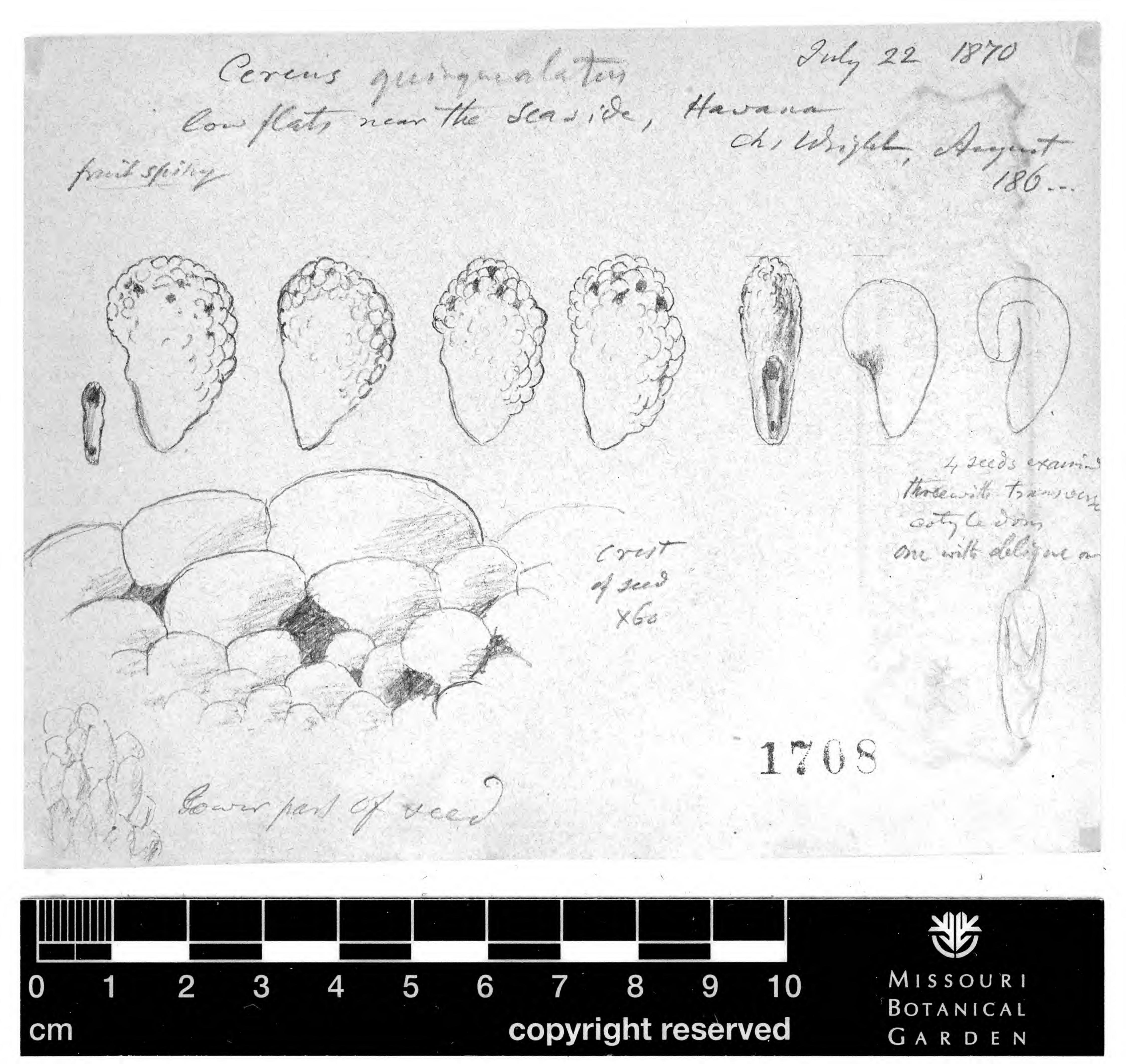
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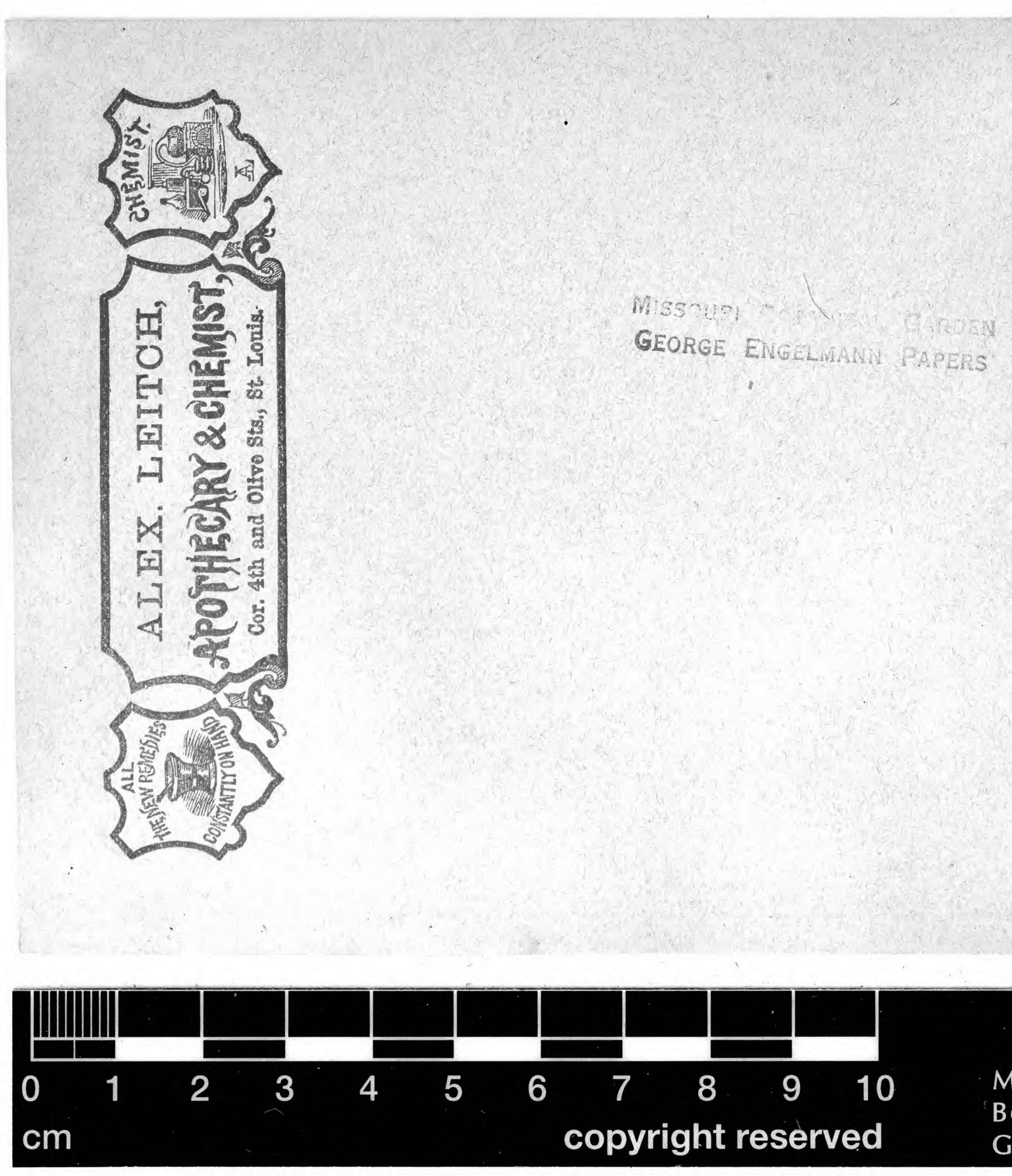




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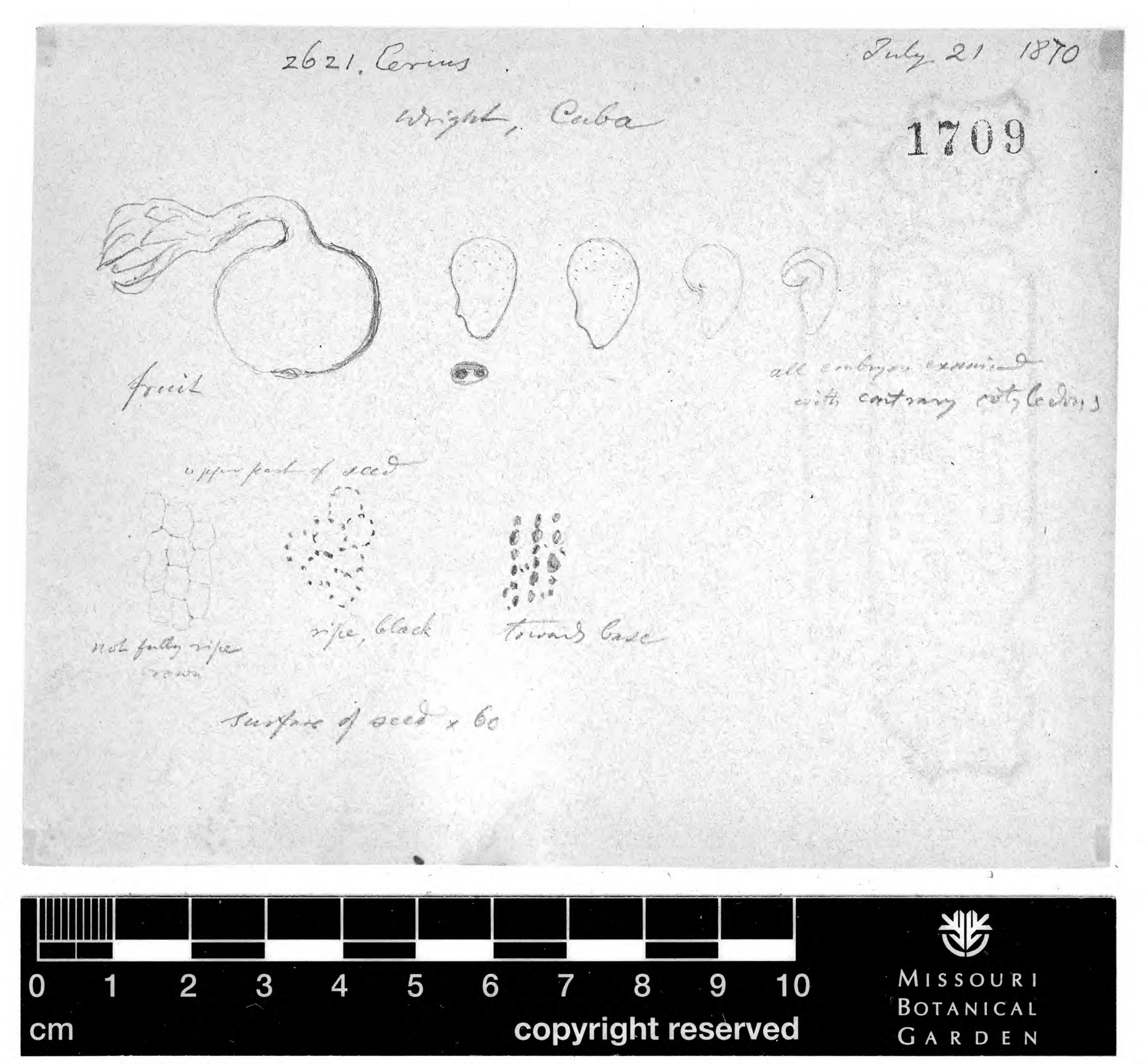


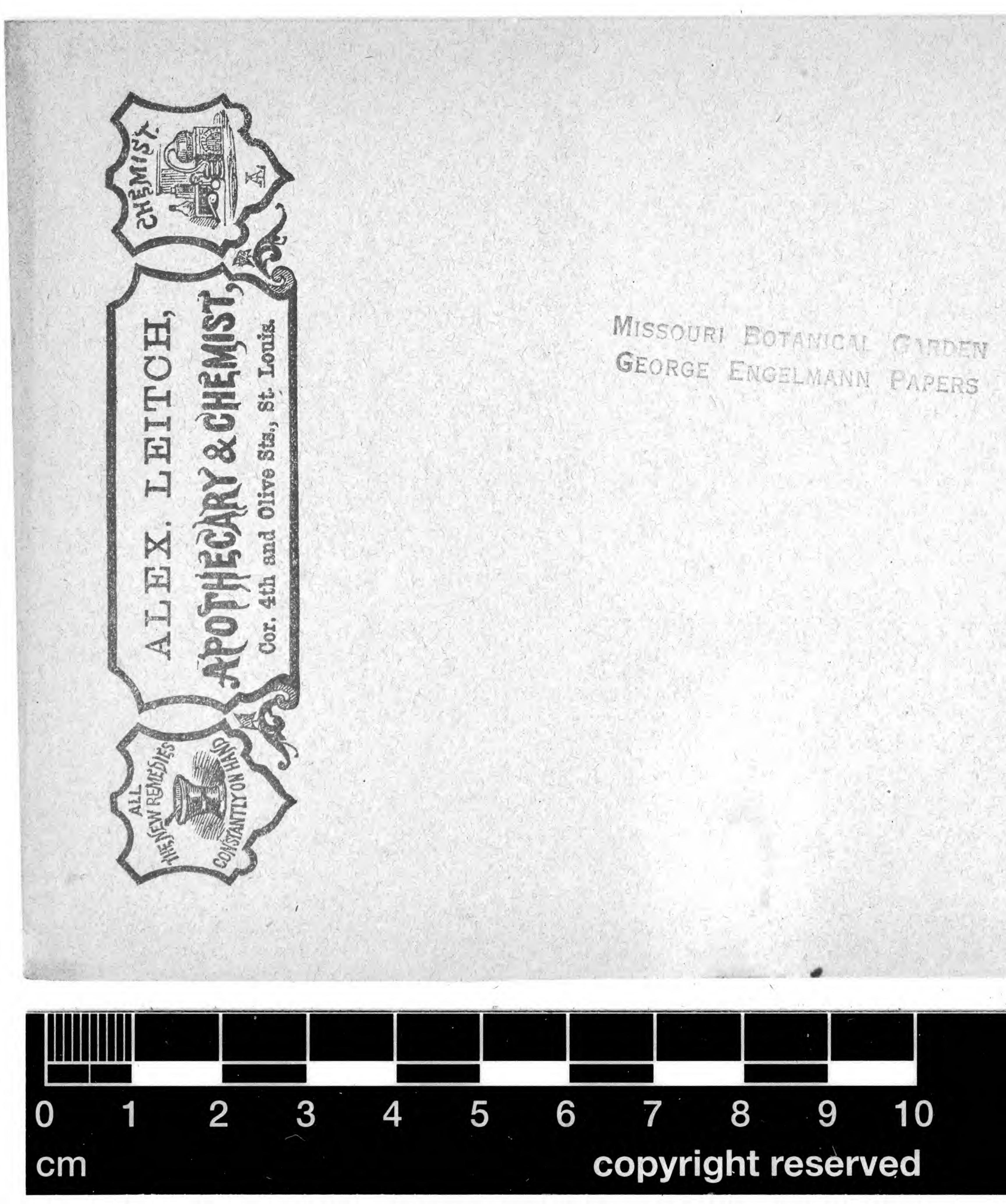




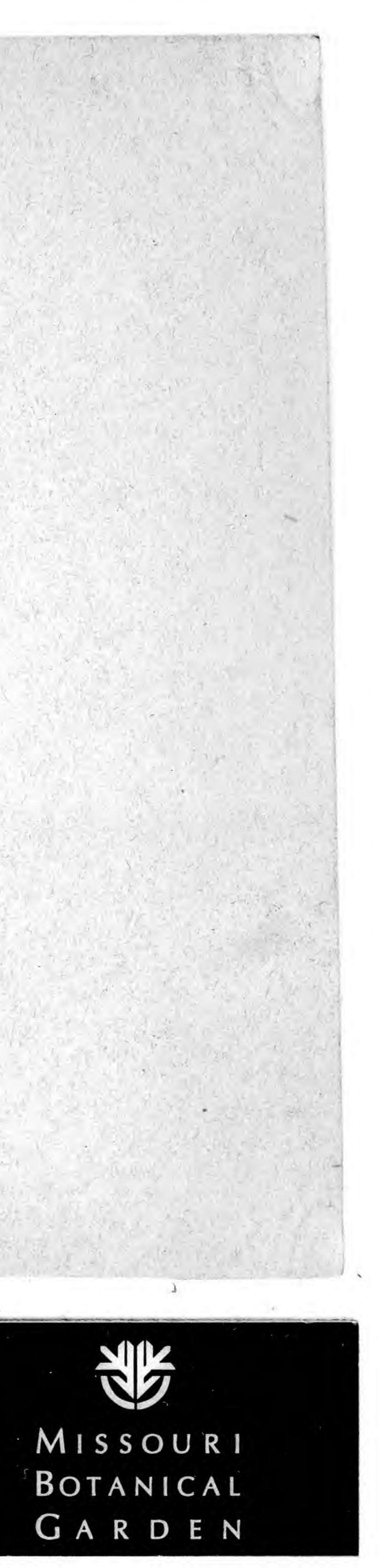
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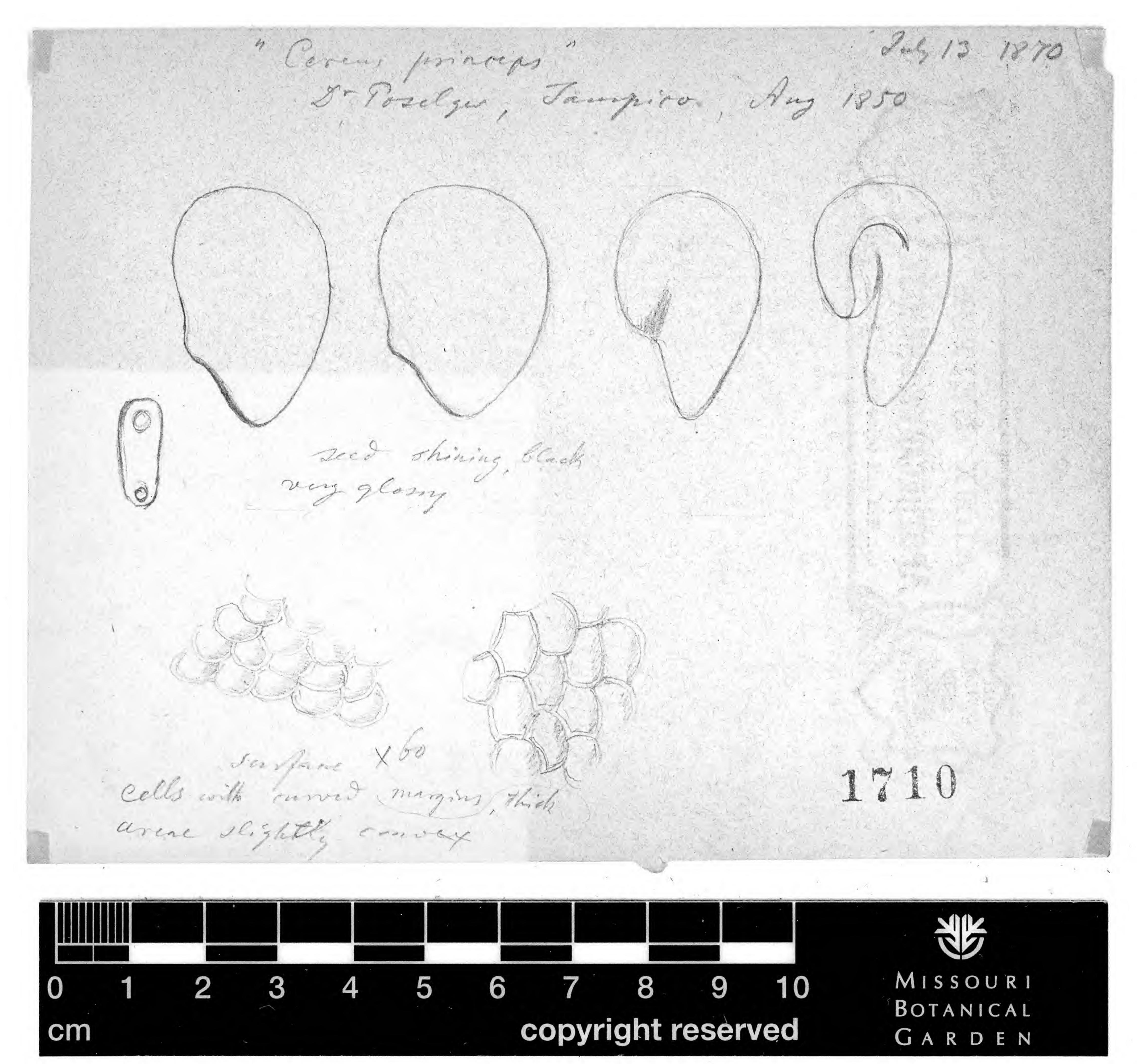


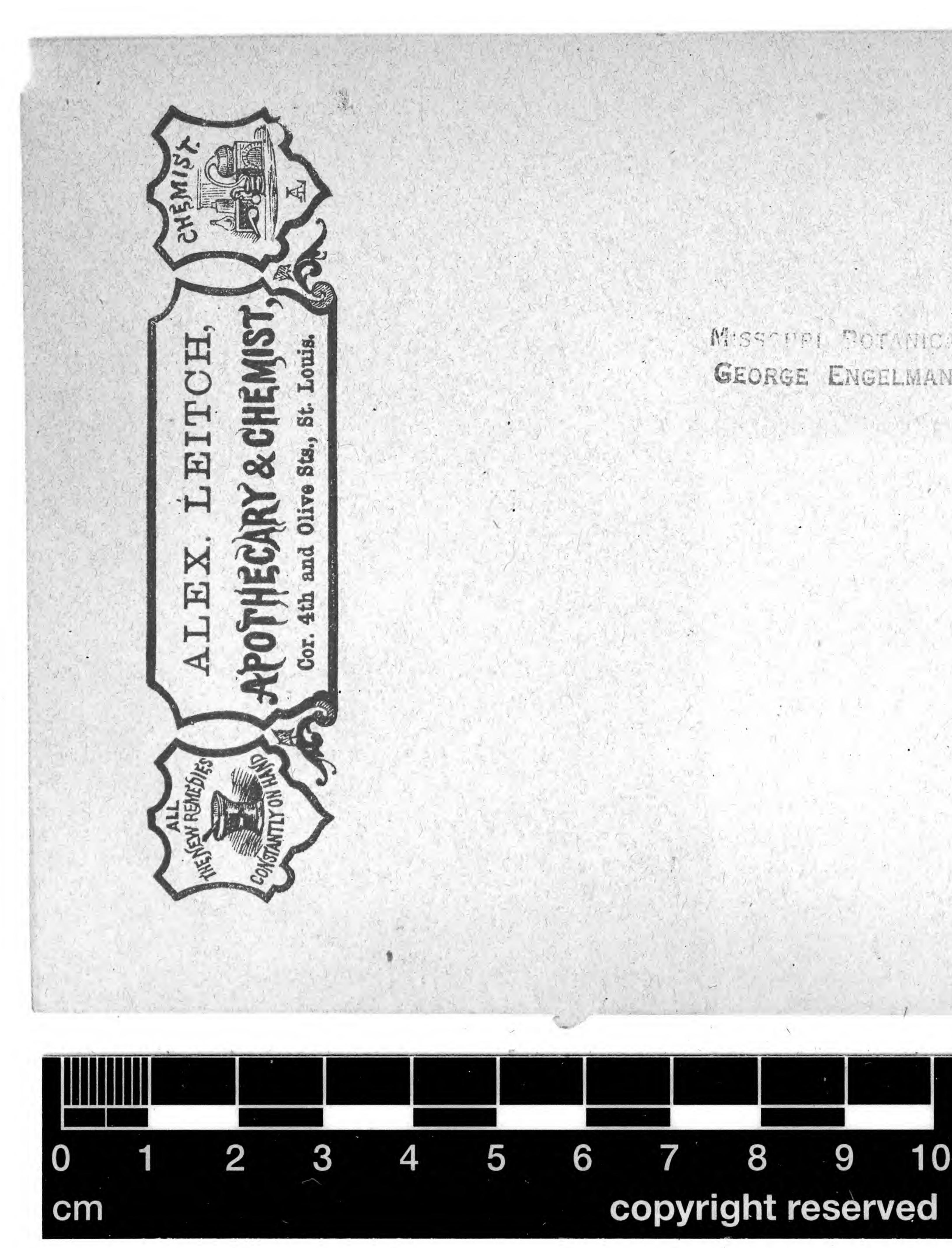
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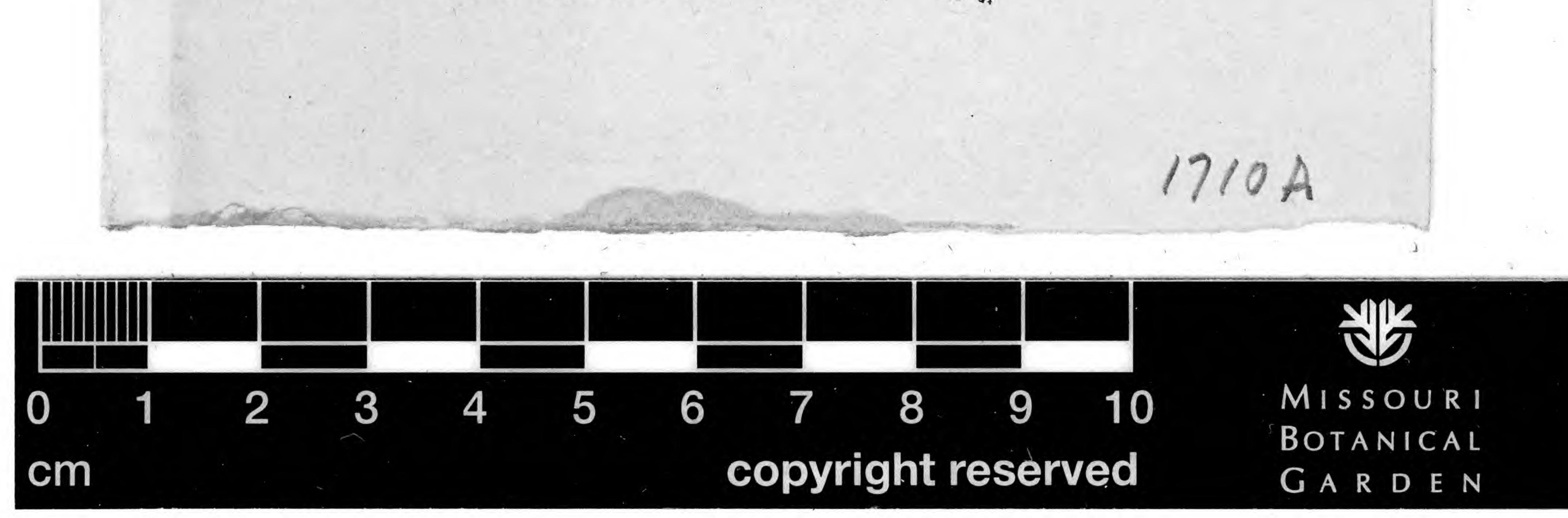
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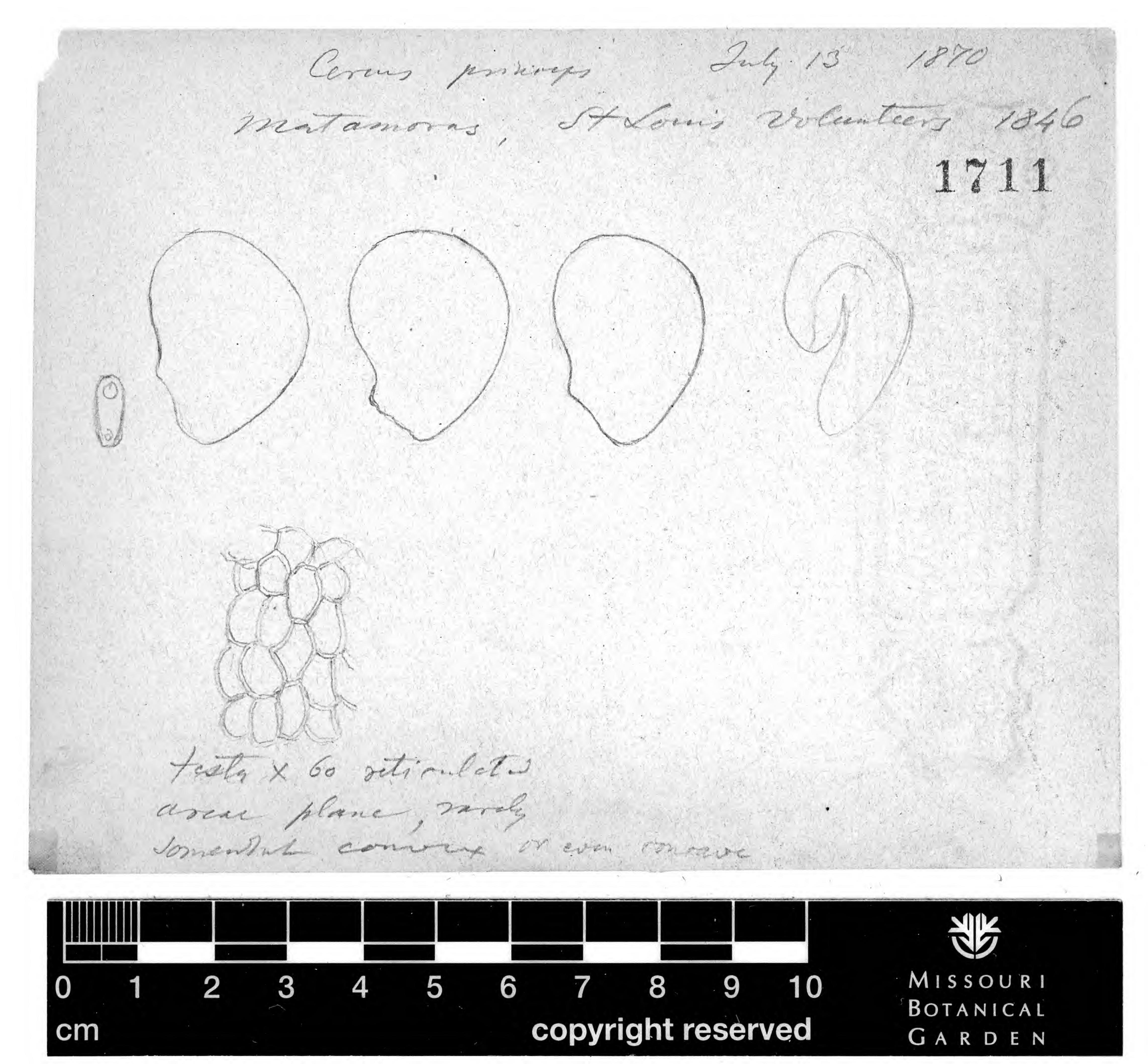
LUDE EVENIULE C. of those that have passed and, it is the ung their explorations over the remotest parts of the land, and into districts where there is most to be discovered. All can help on the work, and all are doing so, by the communication of specimens and of observations. Those within the range of the published manuals and floras get on-or should get on-with only occasional help from us. They should send us notes and specimens to any amount; but they should not ask us to stop to examine and name their plants, except in special cases, which we are always ready enough to take up. Those who collect in regions as yet destitute of such advantages may claim more aid, and we take great pains to render it; partly on our own account, that we may assort their contributions into their proper places, partly for the encouragement of such correspondents, who otherwise would not know what they have obtained, and who naturally like to know when they have made interesting discoveries.

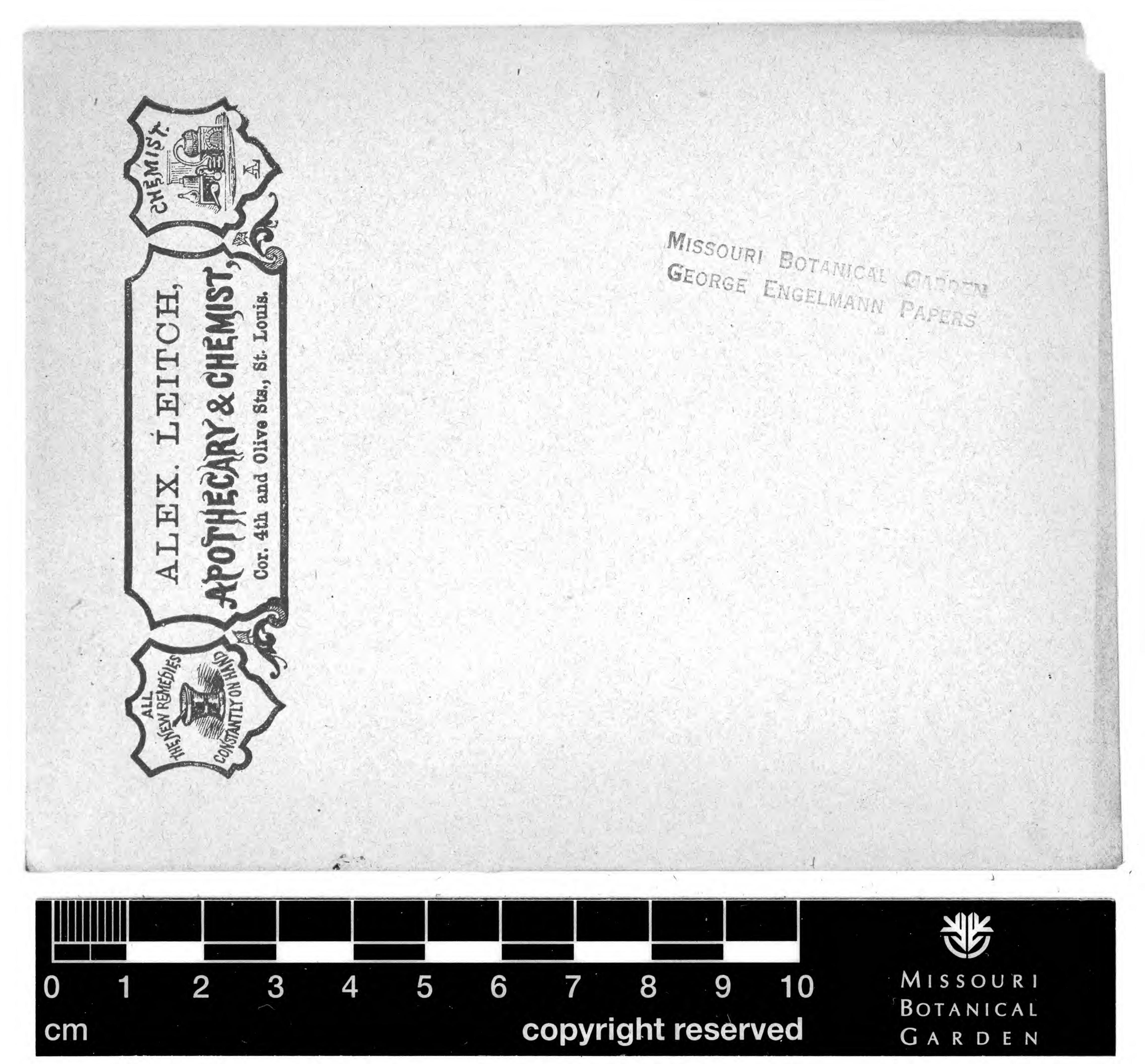
But the scattered piecemeal study of plants is neither very satisfactory nor safe. And it involves great loss of time, besides interrupting that continuity and concentration of attention which the proper study of any group of plants demands. As respects the orders of plants which are yet to be elaborated for the Flora, and as to plants which require critical study or minute examination, necessarily consuming much time, it is better to defer their complete determination until the groups to which they severally belong are regularly taken in hand. Missouri Boramen

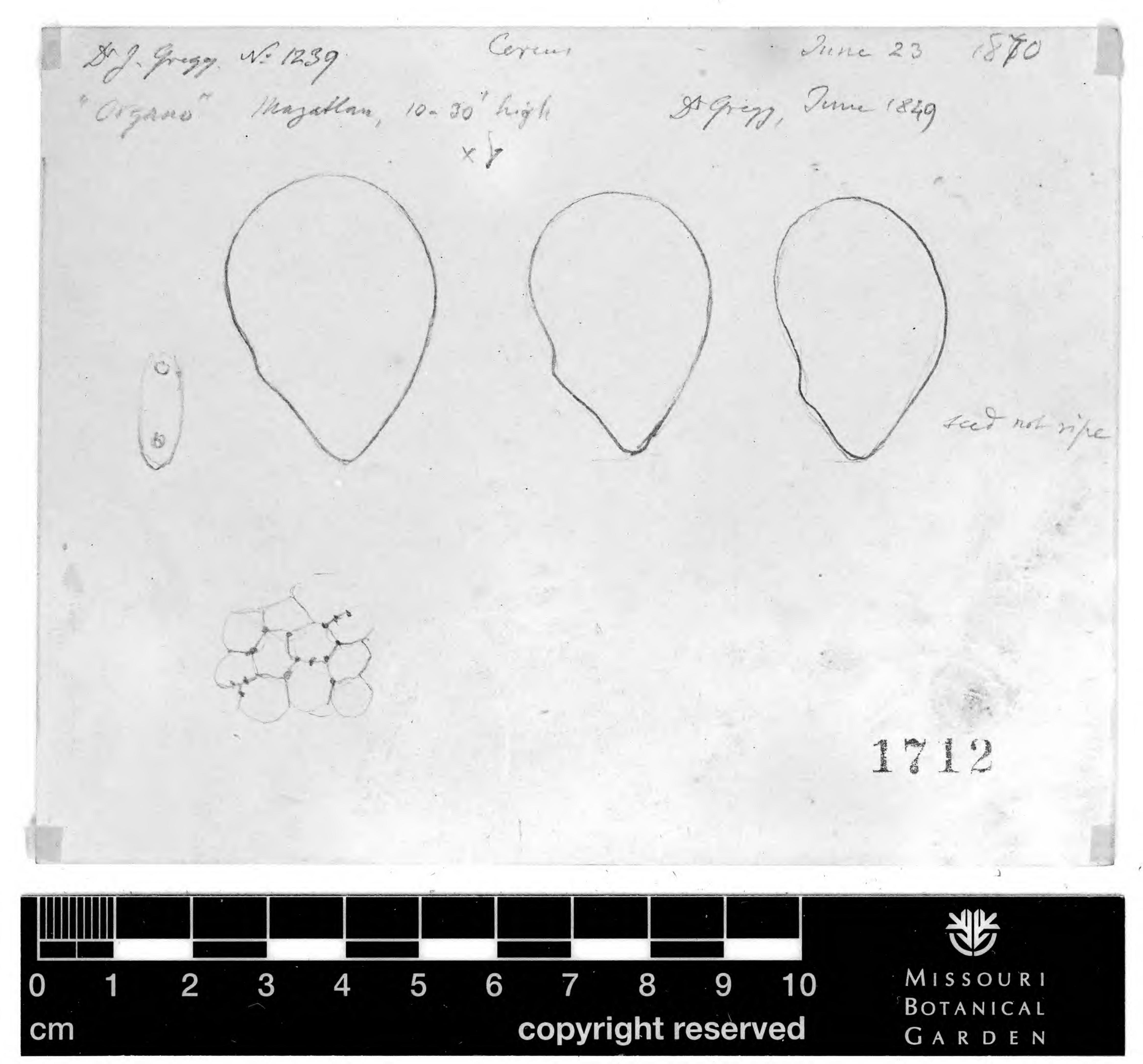
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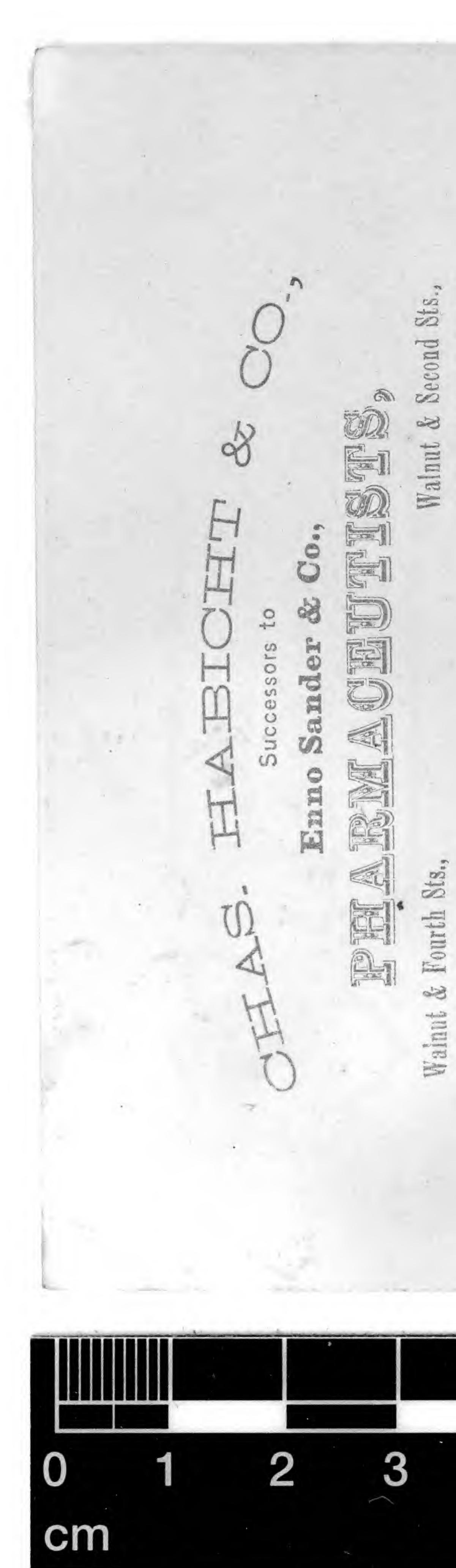












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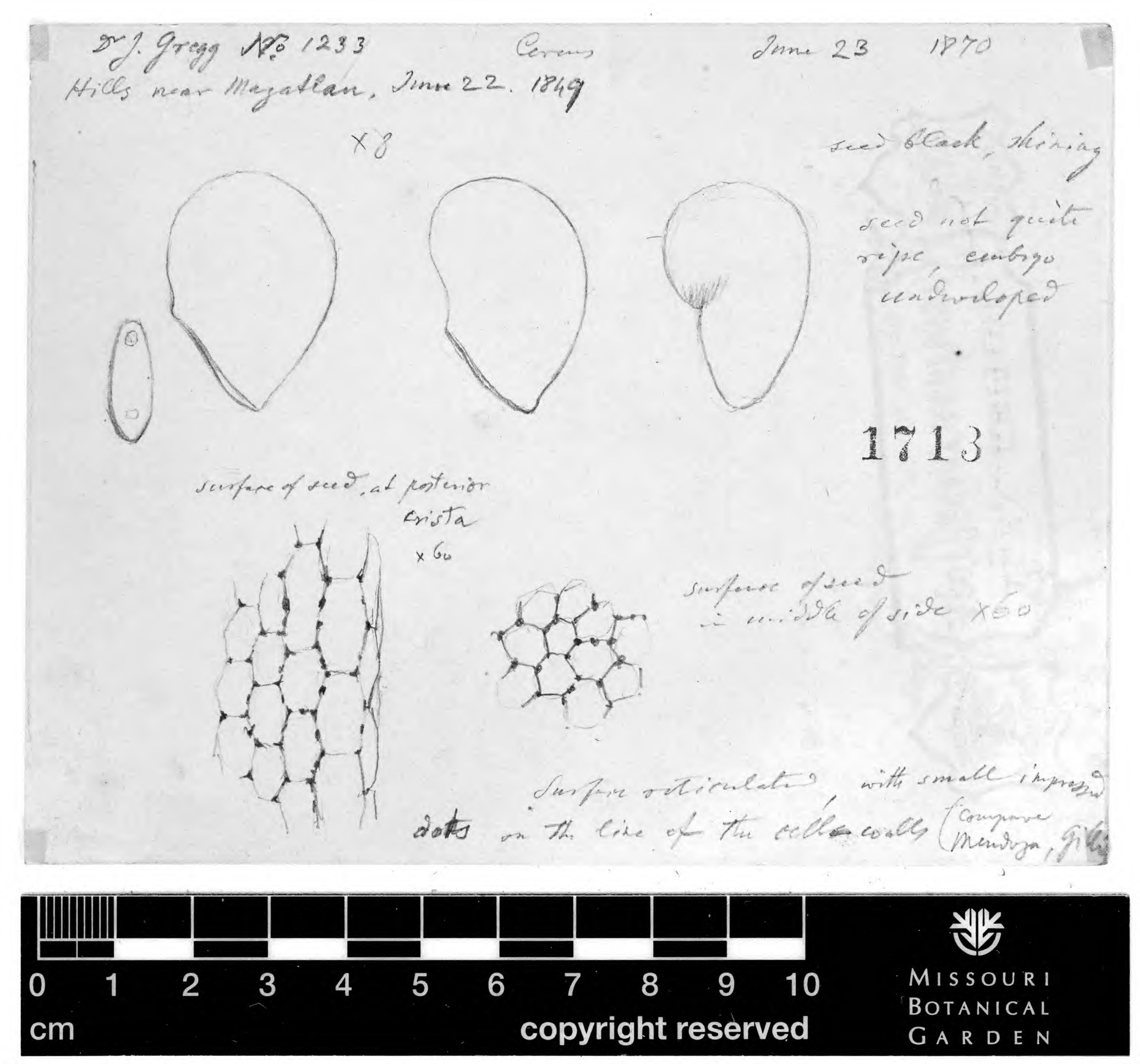
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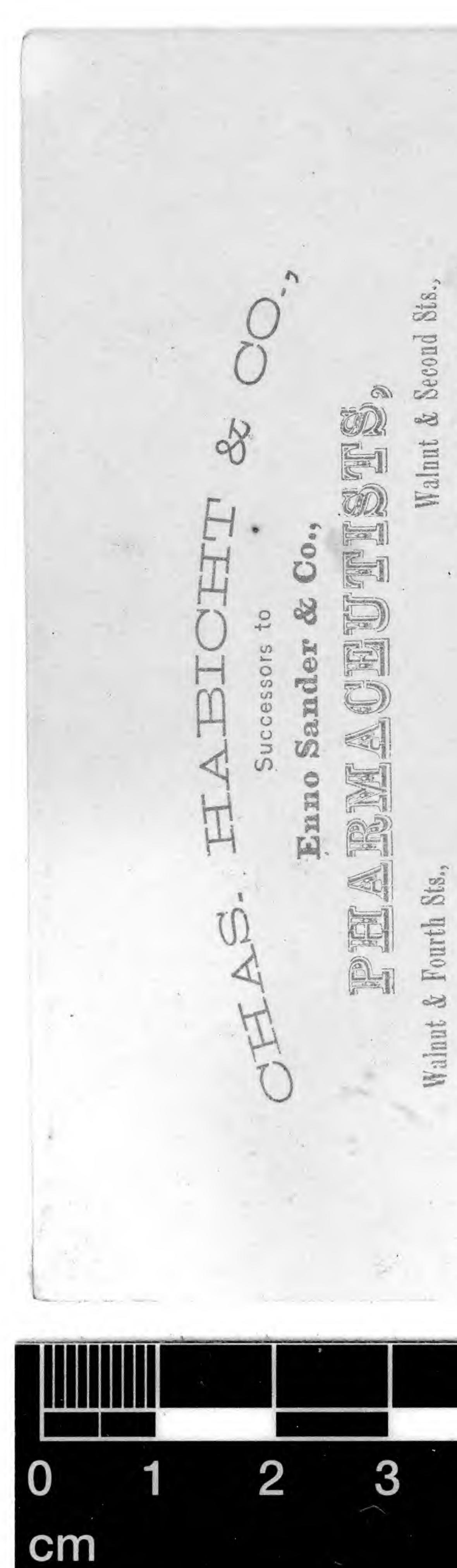
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