

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.*



*Correns*

July 9 1870

Fendler, Venezuela 466

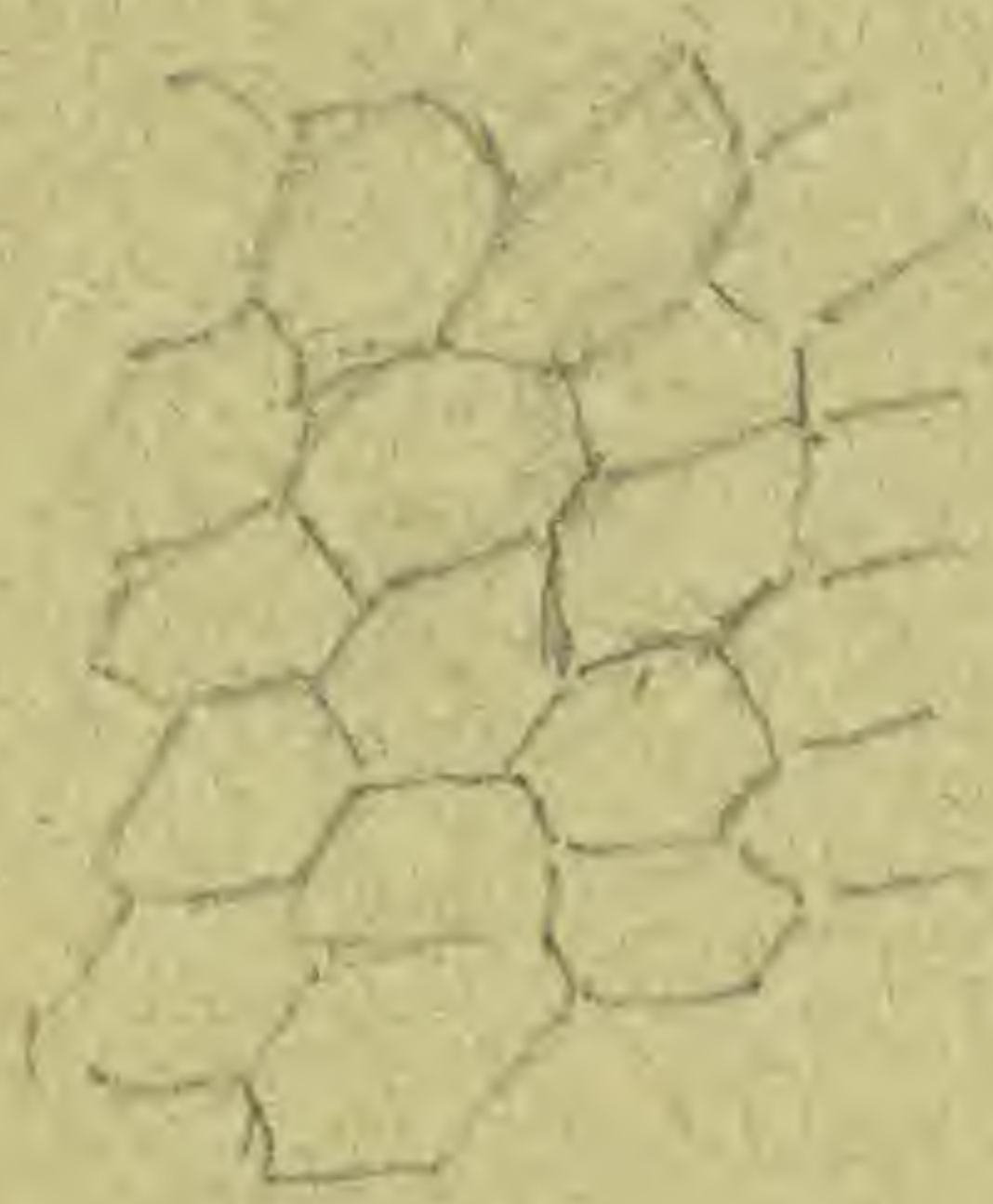
semina immatura



full grown?



2



very delicate  
reticulation  
of testa x60

1679



0 1 2 3 4 5 6 7 8 9 10

cm

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CONSTANTLY ON HAND



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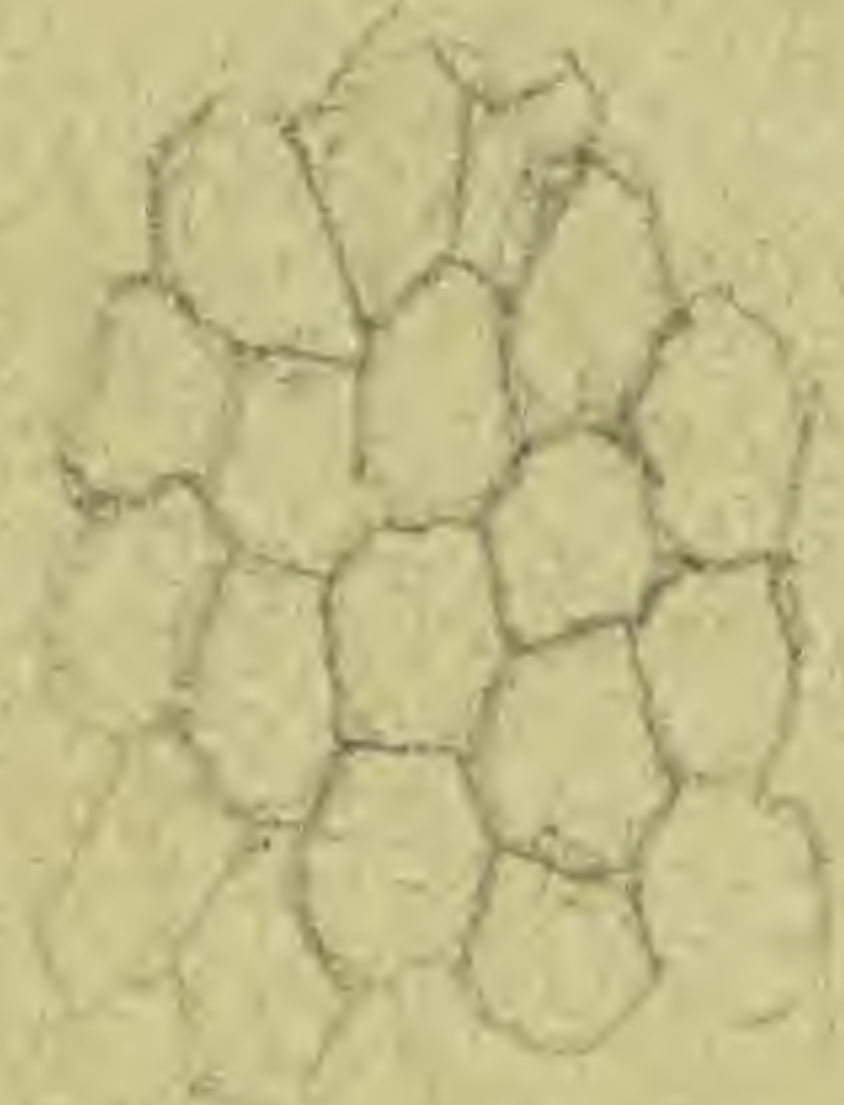
Fendler Vexigula No 460  
Cereus

July 8 1870

seed very unripe, young fruit very spiny



seed black (shining?)



delicate reticulation  
of testa x60

1680



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462

Cecropia

1

June 23 1870

Colcunnar,

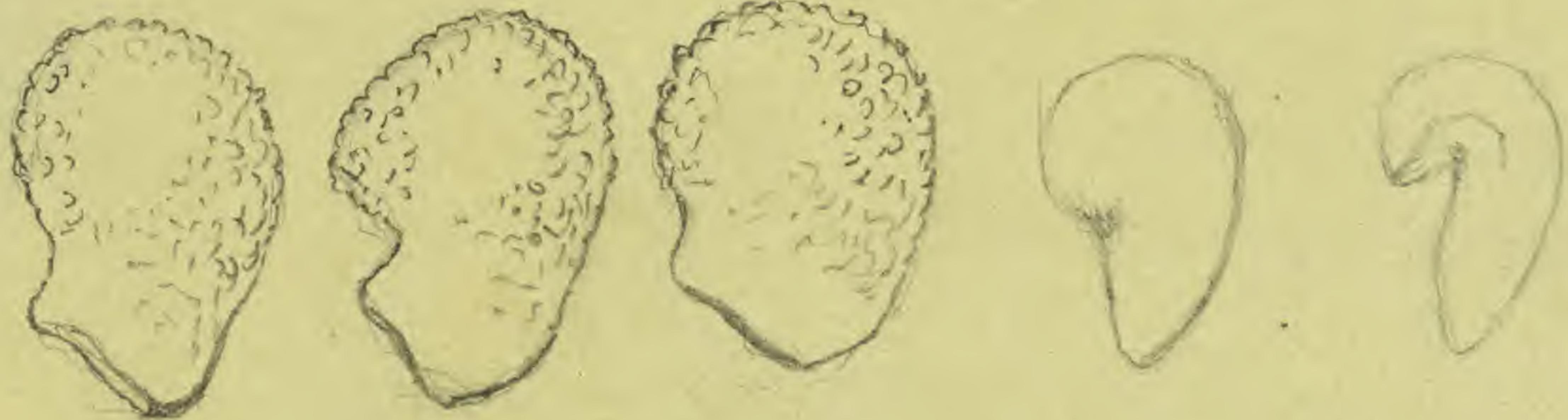
Caracas,

Benlue 1856

spring fruit

3000 feet high

x 8



seed hard, crustaceous



462 2 from the same seed



surface x60  
 irregularly  
 reticulate  
 tuberculate  
 with irregular  
 pits here and there

1681



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462. *p.* *A. fendleri* Venezuela

June 25 1870

betw. Caracas & Lagunayra  
columnar, 15'-20' high.

16 Aug. 1855 (same in Mus Kew  
see figure 18/3 70  
fruit with about 50 very spiny areoles

x 8



surface x 60  
tuberculate  
with irregular  
pits between  
tubercles

1682



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ad N<sup>o</sup> 463  $\frac{1}{2}$  Fendler, Venezuela

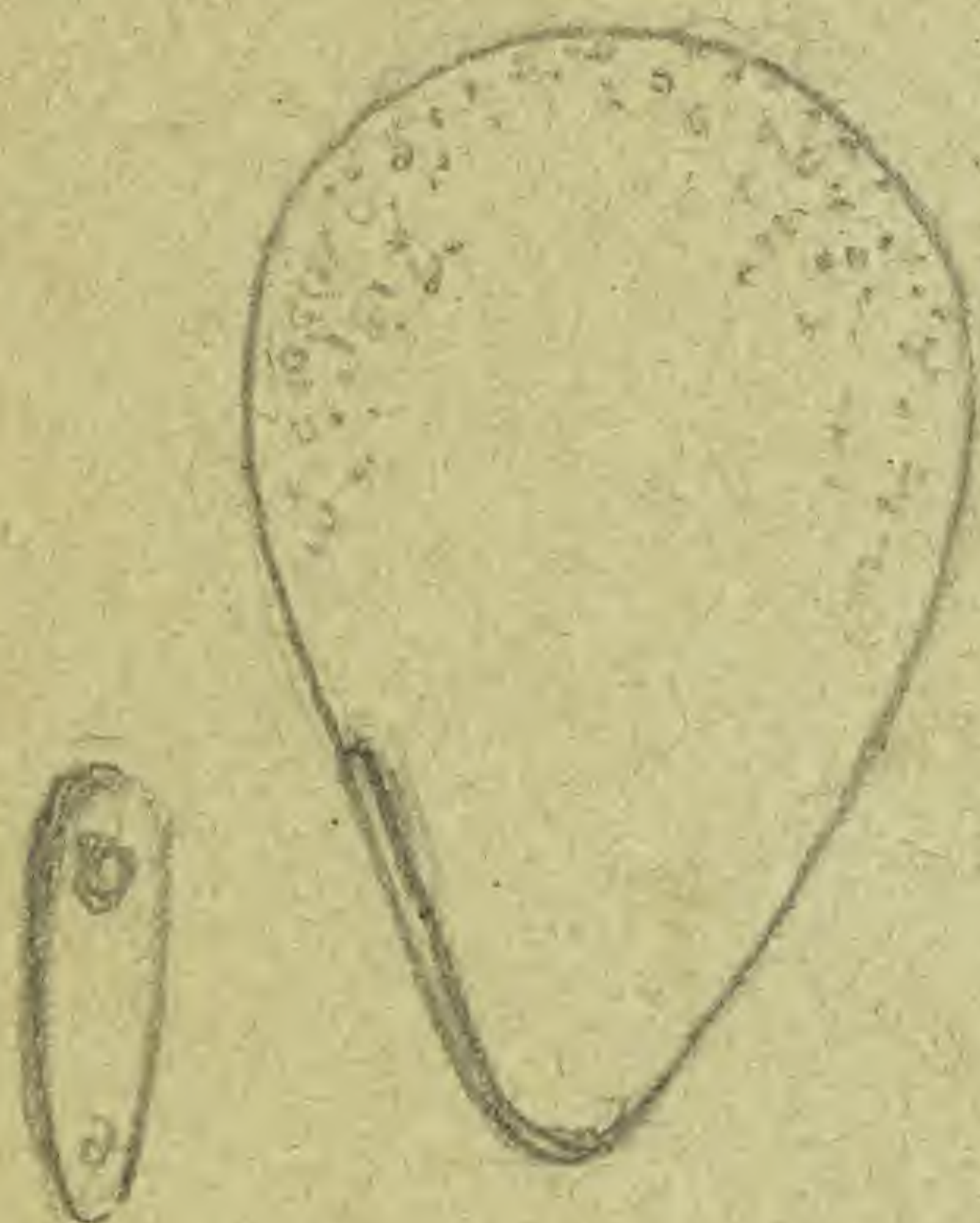
June 25 1870

between Turmero & Maracai, 1800'

21 Nov 1856

x 8

a single, not quite ripe, seed seen



1683



surface x 60



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467 Fendler, Venezuela

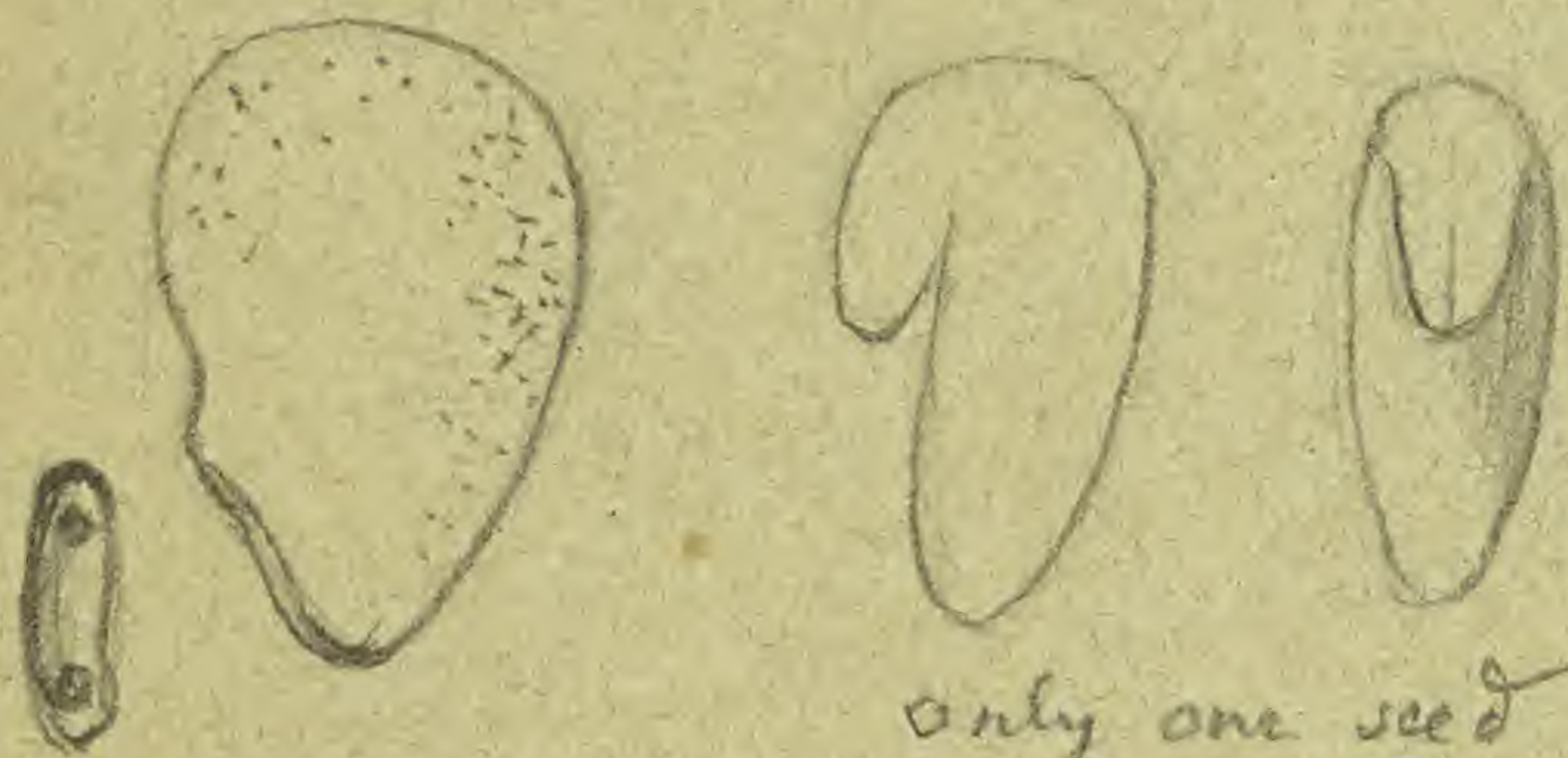
June 25 1870

Columnar Cereus  
between Caracas & La Guayra,

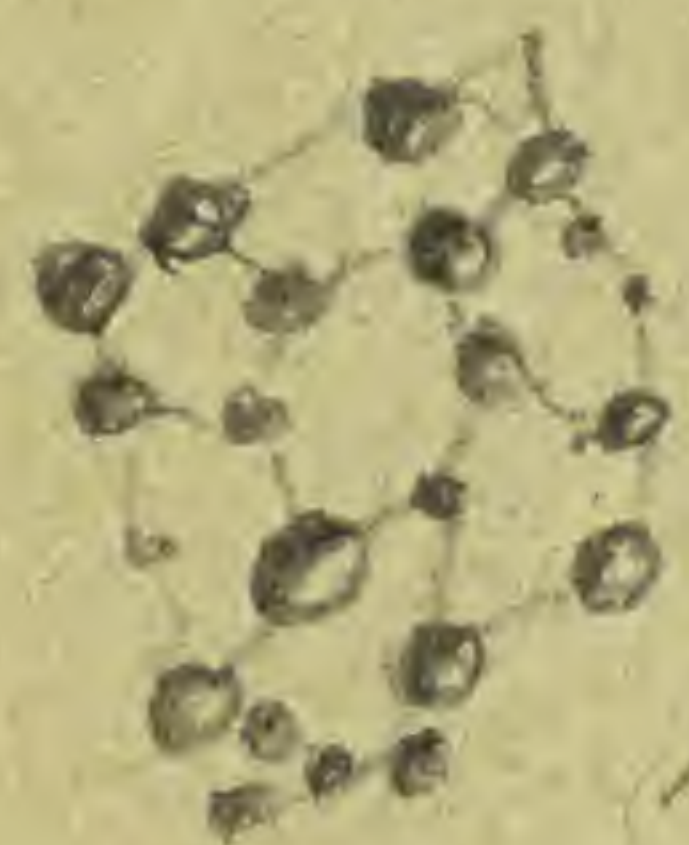
16 Aug. 1855

seed black shining  
testa coriaceous

x 8



only one seed  
examined:  
cotyled parallelae



surface x 60  
irregularly

1684



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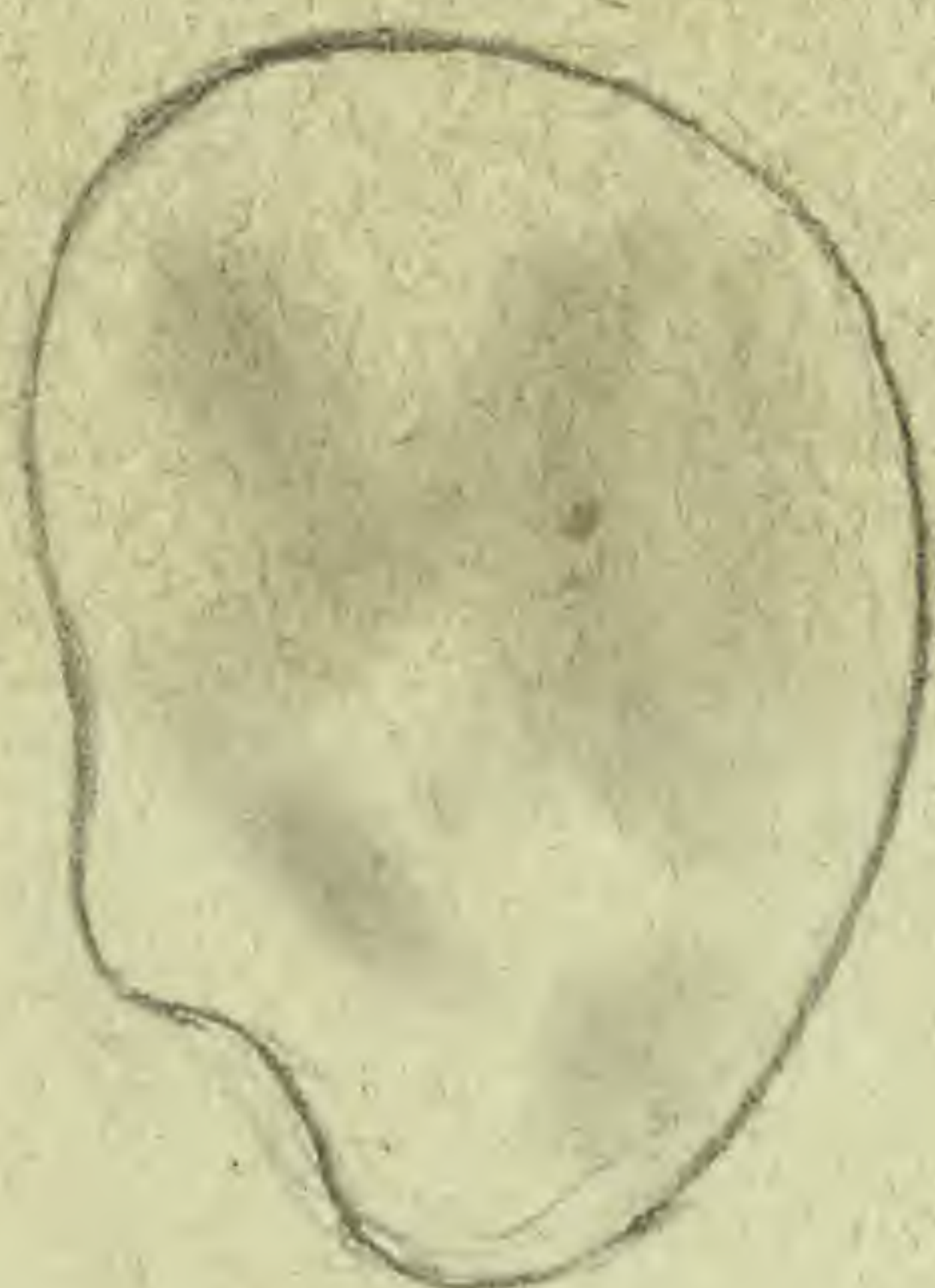


*Cereus marginatus*

July 4 1870

Tehuacan Dr Weber 1865

x 5



Intum (umbilicus) deep concavity  
very deep

seed somewhat irregularly compressed, faceted

only embryo examined  
cotyledons parallel  
recumbent



surface of seed

x 60

shining tuberculate

minutely

1685



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in 4to, and is sold at 60 francs; Chamerot et Lauwereyns, Paris.

The labors of the International Sanitary Congress of Constantinople (1865) have been arranged by FAUVEL in a work on the etiology, prophylaxy, etc., of Cholera, and issued by J. B. Baillière et fils. HALLIER has published his "Parasitological Researches" in measles, typhoid fever, small-pox, vaccinia, cholera nostras, etc., Leipzig.

*Surgery.*—Of general works, we note Lectures upon Practical Pathology and Surgery, by H. LEE, in the press of Messrs. Churchill, Lond.;—GANT, The Practice of Surgery, Clinical, Medical, and Operative, being a systematic treatise on surgical injuries and diseases, in preparation by the same firm;—SPENCE (Prof. Surg., Univ. Edinb.), Lectures on Surgery, 1 vol., 8vo., nearly ready, A. & C. Black, Edinb. We may also mention here, because so little known, though issued in 1867: WALTER, Conservative Surgery in cases of Severe Traumatic Injuries of the Limbs, Pittsburgh. Lindsay & Blakiston have in preparation a work on Surgical Diagnosis, by Dr. ADDINEL HEWSON. The veteran Professor VICTOR V. BRUNS, of Tübingen, is publishing a new general textbook on surgical instruments and dressings, and operative surgery, the first half of which (288 pp., 8vo.) has appeared under the title: *Chirurgische Heilmittel*.

Messrs. Churchill, Lond., announce a number of surgical monographs: BRAIDWOOD, on Pyæmia (the Astley Cooper Prize Essay for 1868), nearly ready;—RAMSAY and COLES, The Mechanical Treatment of Deformities of the Mouth, has been issued;—HEATH, Injuries and Diseases of the

Cereus sp.  
Weber, Mexico

Margarita  
Setago  
Baboso  
Candelabro

572-5

1685A



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cm

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... *... son traitement par les injections intra-utérin* ...  
has also appeared in the English language.

*Materia Medica and Therapeutics.*—We read the following among the announcements of Messrs. Churchill: A Dictionary of Materia Medica and Therapeutics, by ADOLPHE WAHLTUCH, M.D., nearly ready. The same firm has given us a memoir on the Mercurial Vapor Bath, by PARKER. In Paris, Germer Baillièrè, appeared: FUMOUBE, *De la Cantharide officinale*, 56 pp. 4to., with 5 plates. We also note: FOSTER (Prof. Med. Queen's Coll., Birmingham) Ether and Etherized Cod Liver Oil in the Treatment of Pulmonary Consumption.

*Carbolic Acid.*—Dr. H., Glaze City, Mo., requests us to inform him whether, in the frequent allusions to carbolic acid by recent writers, the crystals or "the solution" is meant.

The circumstance that authors have usually failed to speak of the preparation they use is, in the absence of an official formula, a serious matter. We have always been using the crystals, *i. e.*, the pure substance, and in the same proportions to the vehicle or solvent as authors have directed. The crude liquid known as impure carbolic acid is not to be recommended for internal administration, or even surgical dressings, etc.,

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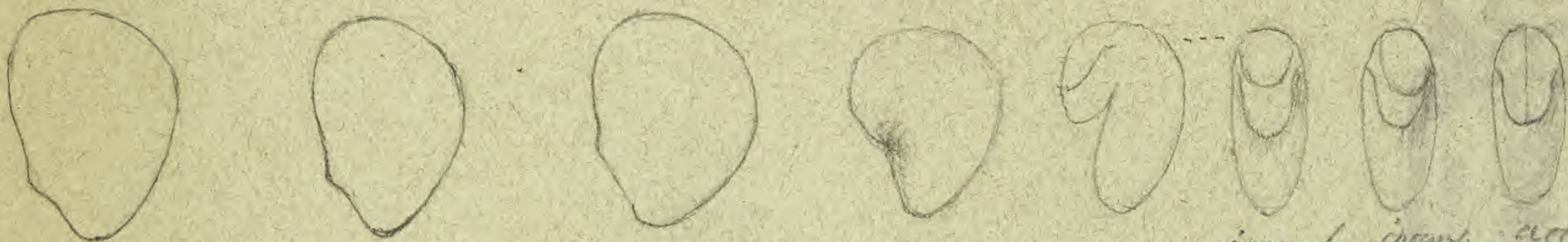


*Cereus Teteyo* Weber in Cat.

July 6. 1870

Mexico 1866

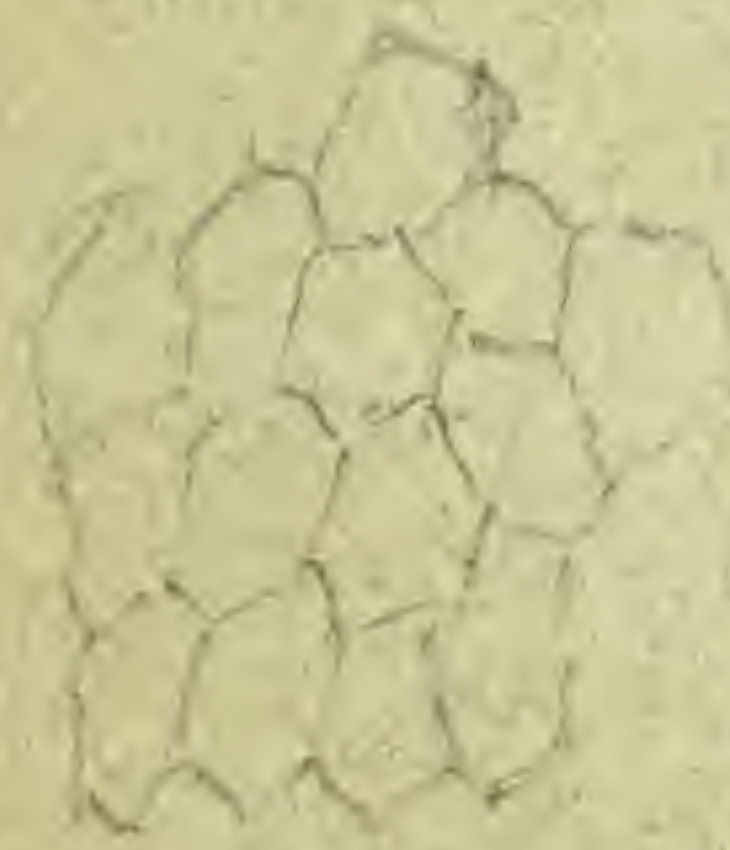
no<sup>2</sup> Paris 1869



Chalazae larger than hilum

incumb. <sup>incumb.</sup> <sup>acumbent.</sup>  
oblique  
3 embryos examined

seed black, very shining, testa thin



x60  
surface very  
finely reticulated  
at this power

1686



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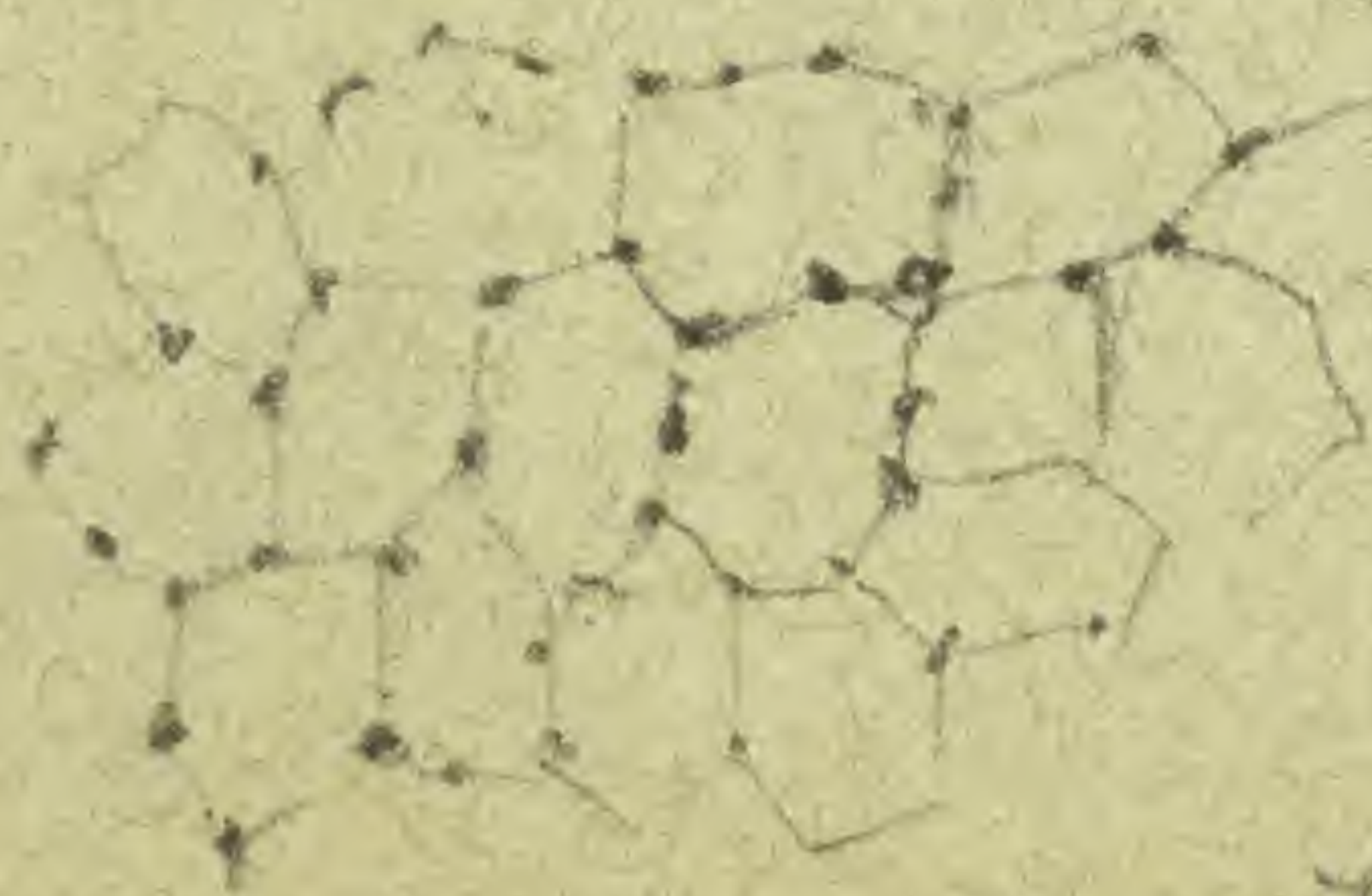
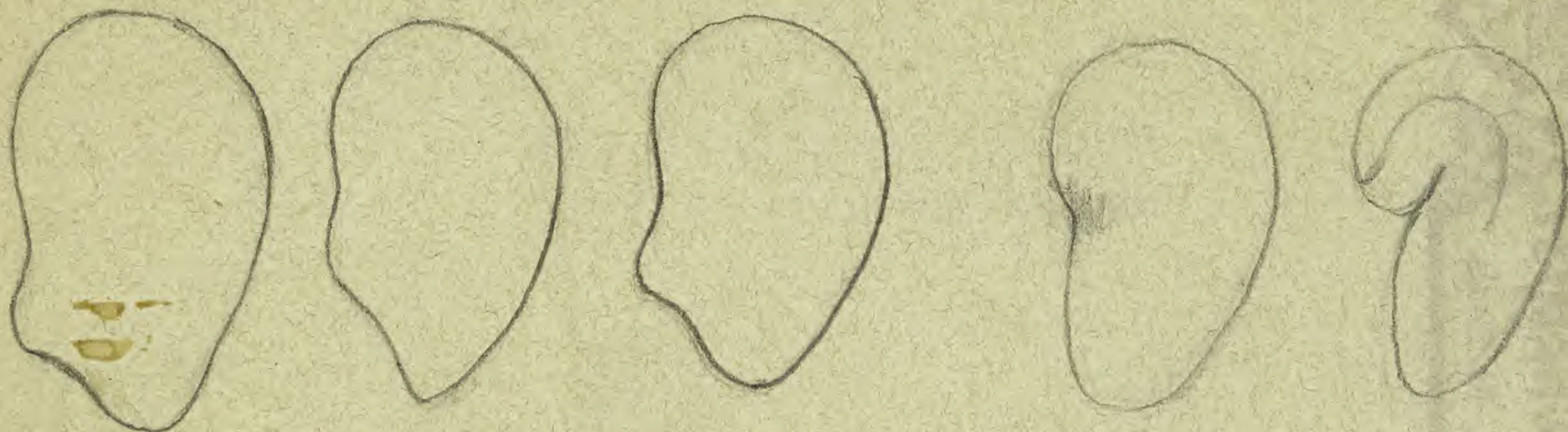
*Cereus Candelaber* A. Weber

Aug 29

1870

x 8

Ajalpam Jun 1864



surface  
of seed  
x 60

smooth, shining  
delicately reticulate  
and punctulate

1687



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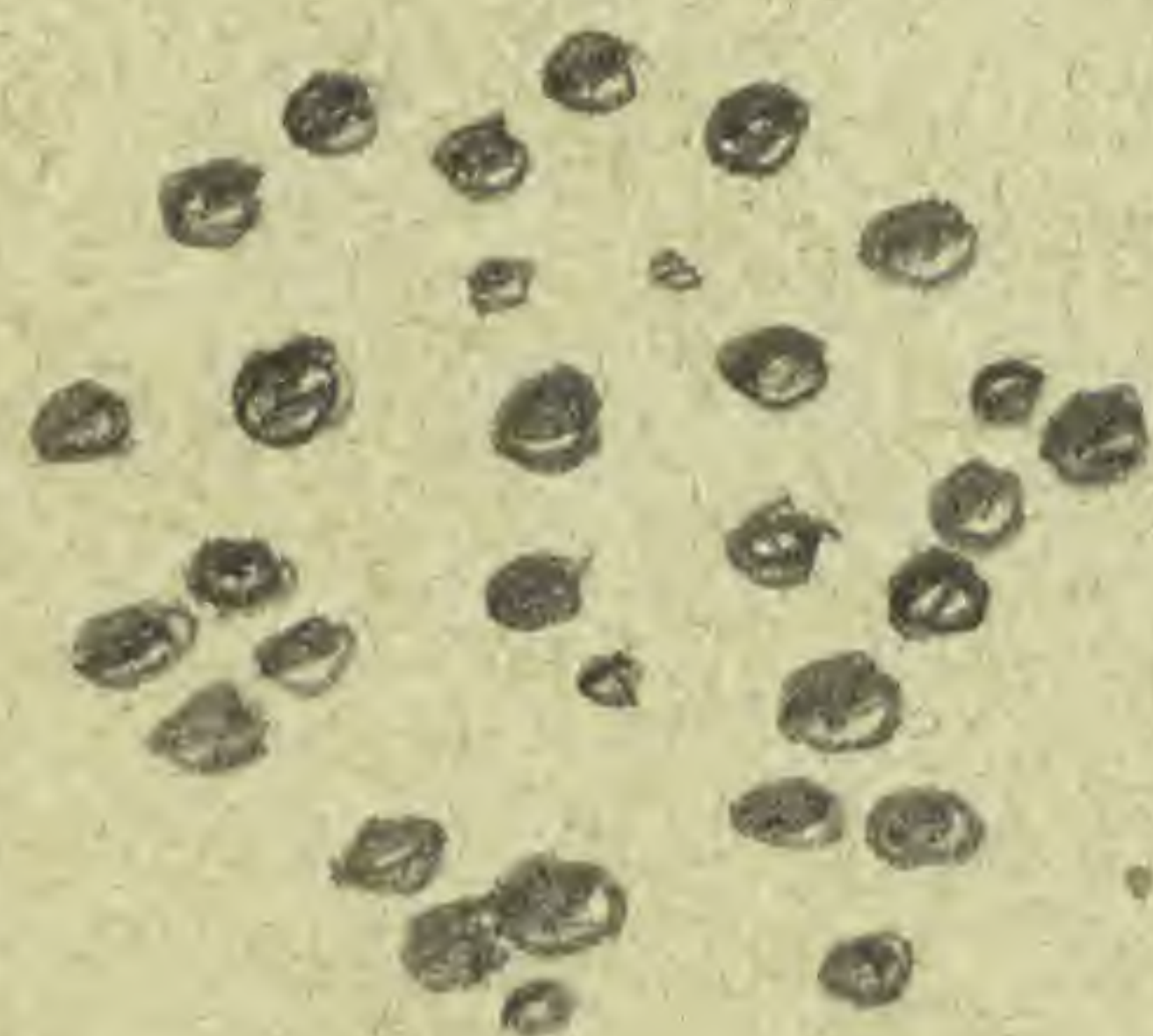
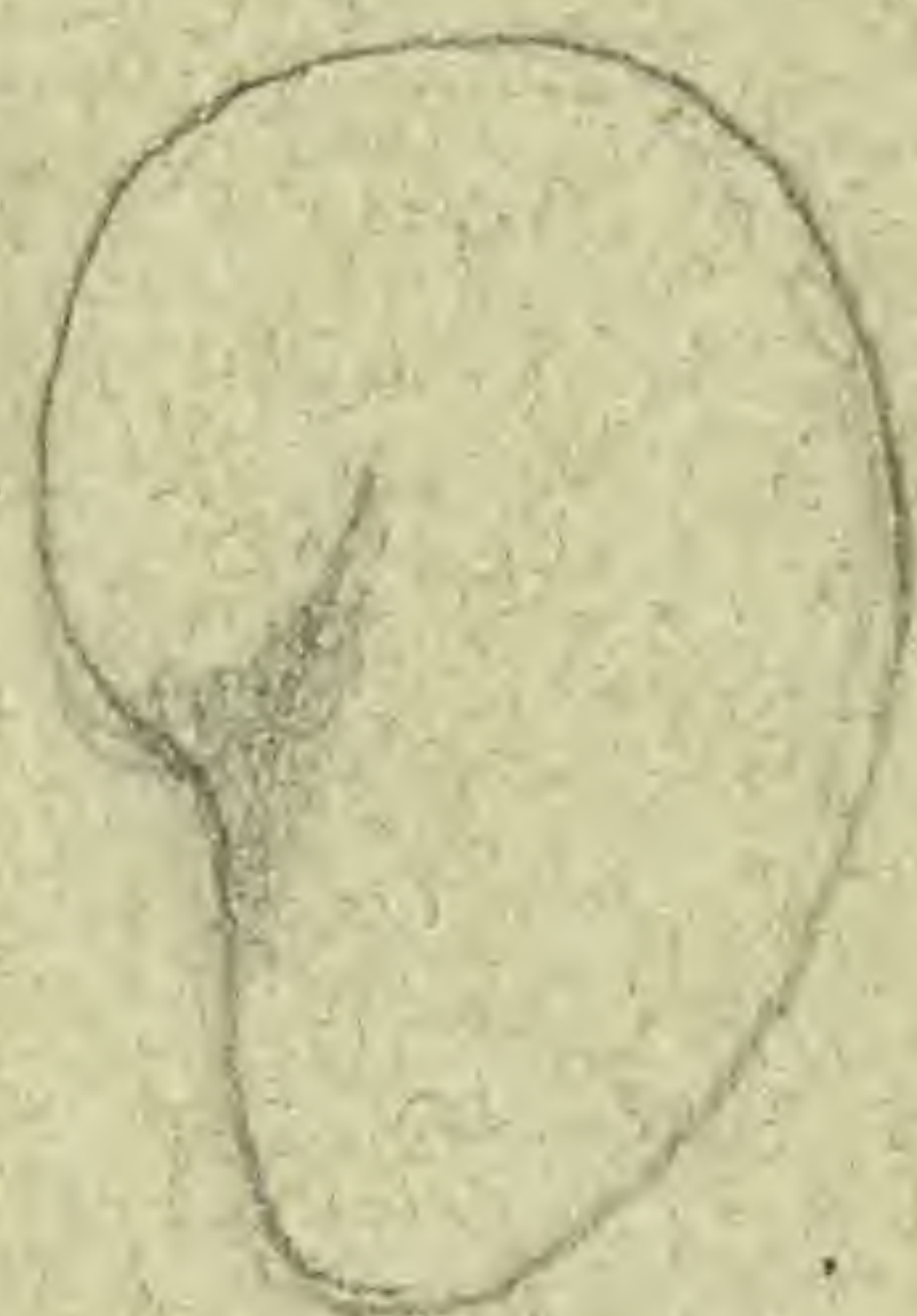
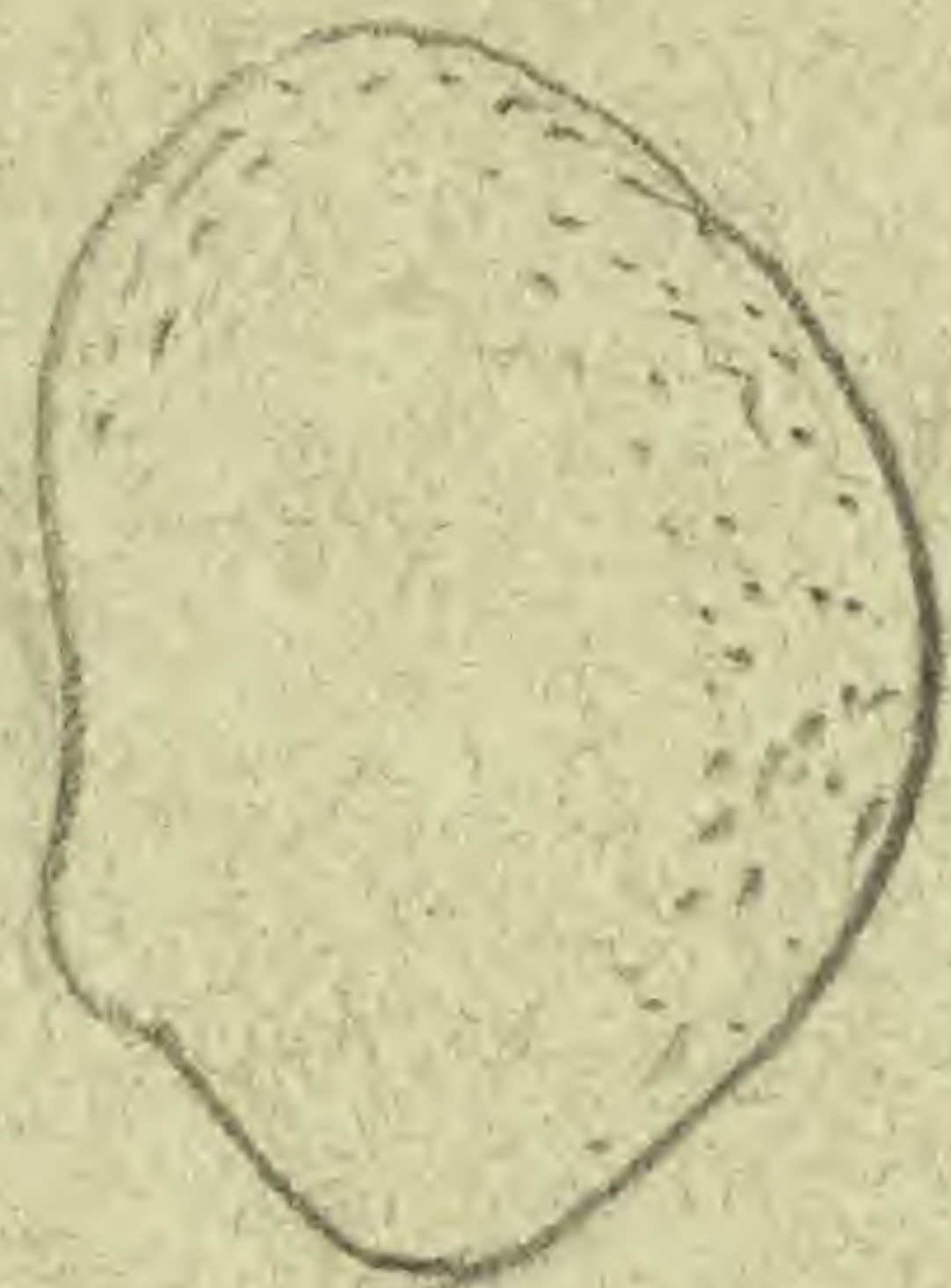
*Cereus Babersso* Weber

Aug 29 1870

Zapotitlan, April 1865

Dr A Weber leg

x 8



surface x 60  
shining, black  
irregularly pitted

4 embryos examined  
all oblique, more  
incumbent than  
accumbent

1688



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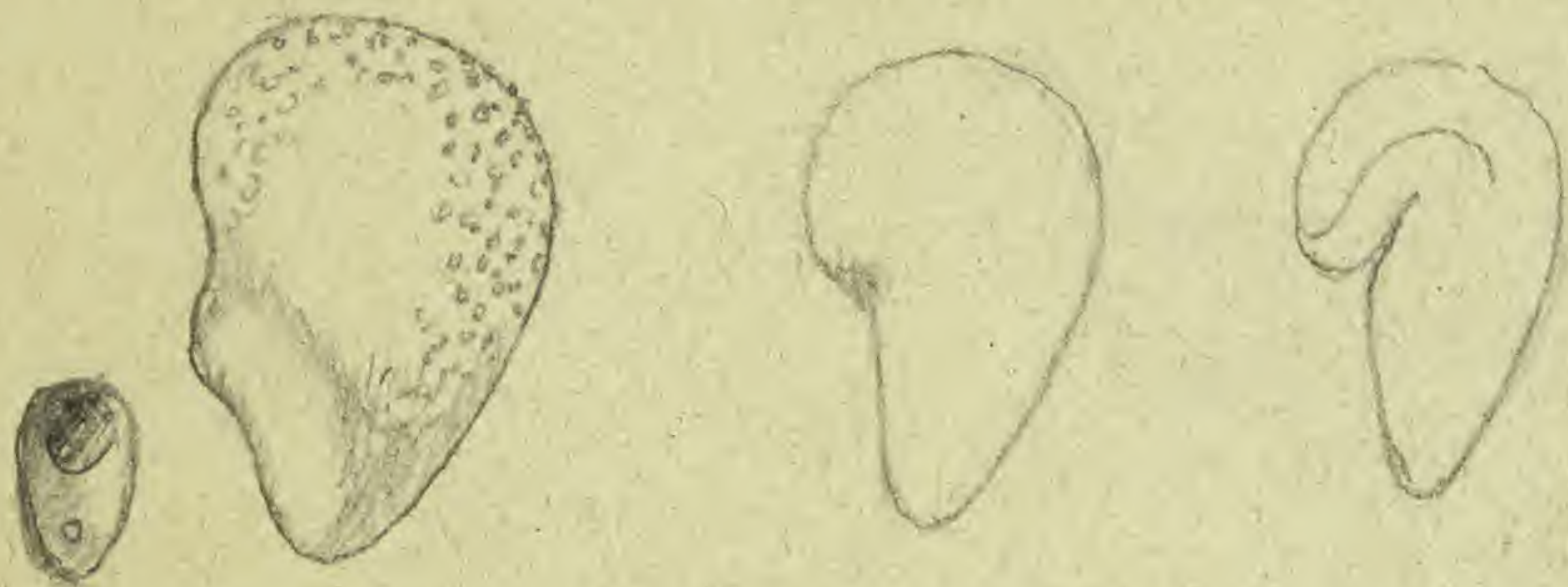
*Cereus quercetanus* Weber Cat. July 5 1870

Quercetanus & Weber Nov 1866

Spiny fruit

belongs to *Columbaris glabra* Selva  
fide Weber

x 8



Cultivated along road sides  
6-8 meters high, much branched  
flower not spiny, but fruit very  
much so

Testa crustaceous but not thick



surface x 60

pretty regularly tuberculate  
with some irregular pits or  
grooves between the rows of  
tubercles

1689



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But, p...  
said so much, and for which I will lose no opportunity of making amends,  
I am very happy to draw the attention of Dr. WATTERS and your readers  
to the third person to whom reference is made in my volume, as having  
published, before me, the doctrine of the dependence of life on decom-  
position. I will quote a few of his words: "Death is essentially a part  
of life. It is the transit of the organizing influence from the organizing  
atom which causes that atom's death. It is the transit of the same organ-  
izing influence to that atom's type which gives to that type its life. But  
it is during, and alone during such transit, that conjointly the two atoms  
live. . . . Thus are two opposite processes, of necessity, concerned in  
producing the phenomena of actual life, . . . and thus, too, it becomes  
apparent how death is a part of life." Much more to the same effect  
might be quoted, but I doubt not that these sentences are enough, and  
that behind the peculiar phraseology (connected with other ideas which  
I need not here detail) the identity of thought will be recognized at once.

But these words were published in 1848, and their author is Dr. FREKE,  
of Dublin.\*

It gives me the greatest pleasure, in which no one, I am sure, will  
more heartily share than Dr. WATTERS (who in the world of thought is  
wealthy enough to be generous) to do this act of justice to a discoverer  
to whom we owe more than can yet be known, but whose only reward

\*FREKE on Organization, Dublin, 1848.

*(Petchaya)*  
*edulis*  
*Quercus*  
*frumosa* sp

*prinosus?*  
*for Weber*

576-580

1689A



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cm

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The season of literary productivity has again set in, and publishers' announcements of "just published," "in press," and "preparing," are plentiful.

The official report of the International Medical Congress of Paris, in August, 1867, has been issued, forming a large 8vo. volume of nearly 800 pages, embracing all the communications and discussions; V. Masson, and P. Asselin, Paris.

Dr. STORER of Boston, and Mr. HEARD, have prepared a medico-legal treatise on *Criminal Abortion*, the former describing the medical part of the subject, the latter gentleman expounding the legal features; it has been published by Little, Brown & Co., Boston.—The able Handbook of Vaccination by SEATON, reprinted by Lippincott & Co., has been noticed elsewhere in this number.

Mr. Lea announces a series of manuals for students by Dr. HARTSHORNE, entitled "a Conspectus of the Medical Sciences," preparing.

We are happy to learn that a new (10th) edition of FOWNES' very popular Manual of Chemistry, by Dr. H. BENICE JONES and Mr. HENRY WATTS, has appeared, Churchill, London; this has been but too long deferred, partly by reason of the considerable alterations involved in the introduction of the new notation.

*Anatomy and Physiology.*—The third and last volume of OWEN's great

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June 26 1870

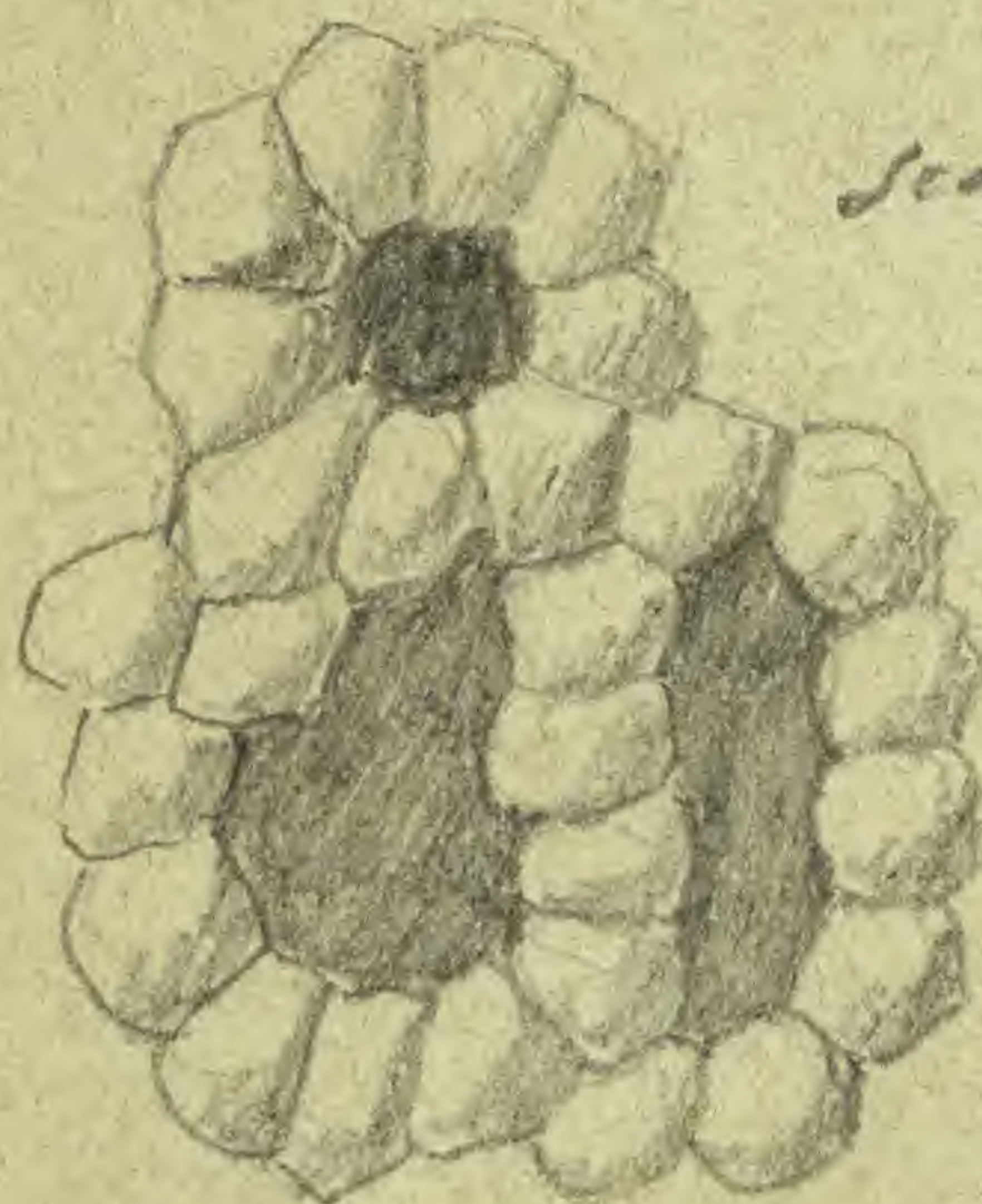
Cereus

"Pitahaya" of the markets of Mexico City  
very spring scarlet luscious fruit - as large as goose egg  
& Poschger May 1851

x 8



1690



surface x 60

seed covered with  
flatish tubercles  
leaving pits  
in the interstices



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*Cerasus edulis* Weber

July 4 1870

Mexico Dr. Weber 1865

said to be *C. pruinosa*

fid. Weber 1873

x 5



1691



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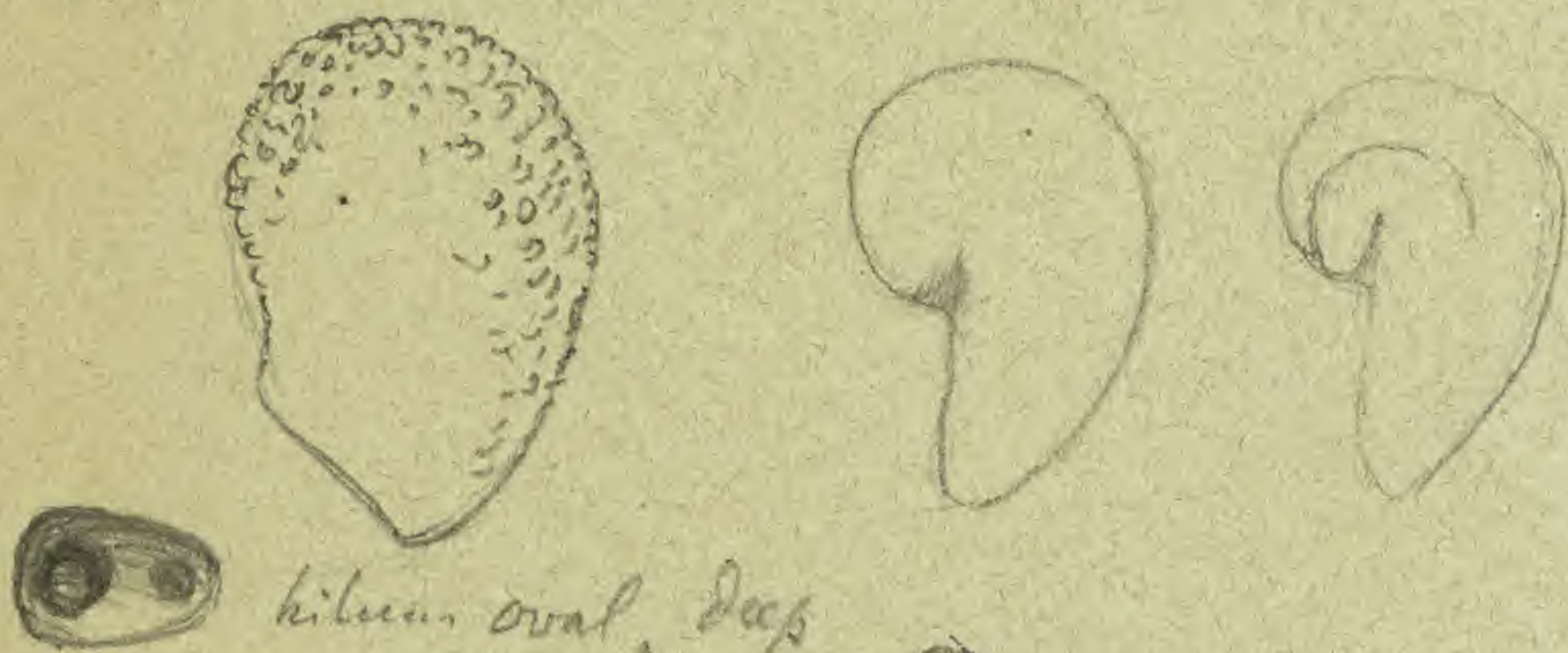
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*Cereus*  
"organos" from Huétama, Michoacan, Mexico  
June 25 1870  
H. W. Poole May 1857  
Trunk 2 feet diameter, bearing numerous erect  
branches covering a circle of 25 feet diameter.  
(only a few broken seeds obtained)

1692

x2



hilum oval, deep



surface x60  
granulate-tuberculate



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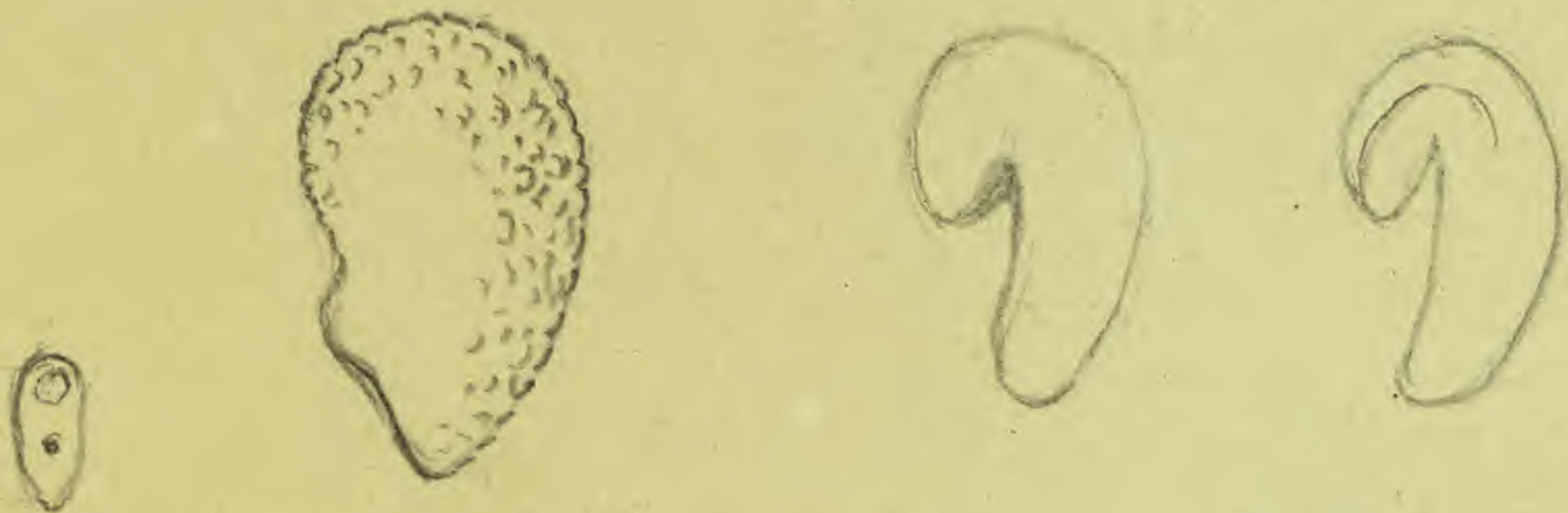
Gregg 1239.6.

*Cercas*

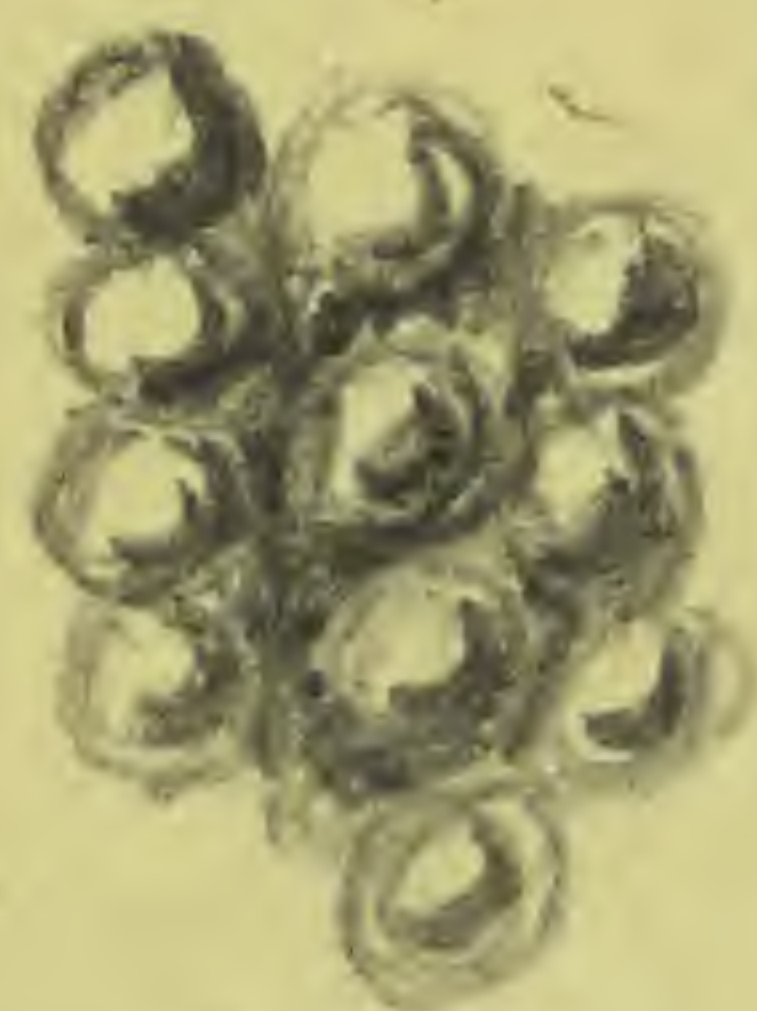
June 23 1870

edible fruit, Magallan Jun 1849

x 8



seed flattened  
scarcely carinate  
tuberculate



surface x 60  
(larger tubercles)

1693



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Echin. Monvillei

May 22 1870

Jacobi det 1857



a Gymocalycium,  
 florus subsapicalibus  
 cotyledonibus contrariis  
 albumin nullo  
 (rather a Cereus)

x8.



proper position of seed

1694



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hinzu: „Wir fangen an, die Empfindungen Eures Herzens zu verstehen, siehe Nichts. Was haben die Empfindungen Eures Herzens mit einem unterzeichneten und unteriegelten Kontrakt zu schaffen?“

„Sehr viel,“ antwortete Gola. „Mich kann dieser Kontrakt nicht binden, er ist nicht mit meiner Zustimmung geschlossen.“

„Lächerliche Brätenfion!“ schrie Calverly. „Ihr kennet schlecht die Gesetze dieses Landes, meine weise Tochter. Hölle und Tod! wir werden bald die Fräsen aus der Schule kommen und Urtheile fällen sehen. Der Kontrakt ist in Euren Namen durch Euren Vormund abgeschlossen worden, und verpflichtet Euch dem Gesetze gegenüber.“

„So mag der edle Lord einen Prozeß beginnen,“ sagte Gola; „durch meine Theilnahme oder meinen Willen wird der Kontrakt niemals ausgeführt werden.“

„Etwas Geduld, lieber Onkel,“ sagte Konstanze; „Ihr behandelst sie zu hart. Denket selbst daran, daß Ihr gesagt habt, der König habe seine Zustimmung noch nicht zu dieser Hochzeit gegeben, weil die Königin dabei gegenwärtig sein will, sie würde daher um ein oder zwei Monate aufgeschoben werden. Nun überrascht Ihr sie selbst mit der Nachricht, daß sie sogleich stattfinden soll. Es ist daher ganz natürlich, daß meine

Calverly, dessen Zorn immer größer wurde. „Laßt Euch nicht in Weitläufigkeiten mit ihr ein, Mylord; Ihr werdet sie ihre Pflicht lehren, sobald sie Eure Frau sein wird. Diesen Abend punkt 10 Uhr wird die Ceremonie in der Schloßkapelle vor sich gehen; gleichviel ob sie will oder nicht, und wenn das Saframent einmal vorüber ist, so ist Eure Verbindung unlöslich. Mein Kaplan wird keine Umstände machen, sobald ich ihm den Kontrakt zeige. Gehet jetzt auf Euer Zimmer, ungehöriges Mädchen, und haltet Euch bereit, dem beizustimmen, dem Ihr doch nicht ausweichen könnet.“

Klangsamen Schrittes und sich auf den Arm ihrer Kousine stützend, verließ Gola den Saal und begab sich auf ihr Zimmer.

„Was wirst Du thun, liebe Gola, und wie kann ich Dir helfen?“ fragte Konstanze theilnehmend, als sie auf ihrem Zimmer angekommen waren.

„Auf keine Weise, theure Konstanze,“ antwortete Gola, „wenn nicht vielleicht dadurch, daß Du mir eine Stunde Ruhe zum Nachdenken läßt. Ruhe mein Kammermädchen Susanne und laß sie draußen vor meiner Thür sich aufhalten. Sage ihr, daß ich während einer Stunde kein Licht brauche, und daß ich allein bleiben will.“

„Aber was wirst Du thun?“ fragte Konstanze.

Perce

Gymnocalyx

granulata

ex albuminum

hyptiacanthus  
Monvillei

7

581-3

1694A



0 1 2 3 4 5 6 7 8 9 10

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sten te et  
te, muß alles wissen. Ihr sag-  
tet, daß der Alte eine Schildwache vor Chartley's  
Thür gestellt habe und Jola zwingen will, die-  
sen sauertöpfischen Jungen zu heirathen. Sie  
scheinen also alles entdeckt zu haben, was wir  
zwischen Eure Kousine und Chartley bemerkten?"

"Man kann von solchem Benehmen auf nichts  
anderes schließen."

"Wo ist Eure schöne Kousine?"

"In ihrem Zimmer, von wo mein Onkel  
droht, sie zur bestimmten Stunde herauszurei-  
ßen, um sie zu zwingen, einen Mann zu heira-  
then, den sie verabscheut."

"Und was hat Eure Kousine zu thun sich vor-  
genommen?"

"Das weiß ich nicht. Sie wünscht allein zu  
sein, um nachzudenken. Sie wird sich sicher bis  
auf den letzten Augenblick weigern und zwar mit  
großer Entschiedenheit, denn sie hat viel mehr  
Muth, als ich ihr zugetraut habe."

"Glaubt Ihr, daß der Kaplan die Ceremonie  
vollziehen wird?"

"Ich fürchte es, denn er ist eine Kreatur mei-  
nes Onkels."

"In diesem Falle müssen wir uns darauf ein-  
richten, Eure Kousine in ihrem Widerstande zu  
unterstützen," sagte Arden ernst. "Aber bei mei-  
nem Leben, es ist ein gefährliches Spiel, denn  
wenn der König seine Zustimmung zu dieser Lei-

burgt, daß man je  
manden verheirathen will  
und ohne Furcht sein."

"Aber ich bitte Euch inständigst, keine Gewalt-  
that . . ."

"Nein, nein, es wird keine nöthig sein," ent-  
gegnete Arden. "Wenn man uns nicht angreift,  
wir werden nicht angreifen. Aber," fügte er  
hinzu, indem er dem ängstlichen Mädchen die  
Hand küßte, "es wird besser sein, wenn die Da-  
men sich wo möglich entfernt halten, denn die  
schreien und das macht Lärm."

Konstanze verließ ihn mit schwachem Lächeln  
und Arden fing im großen Saale seine Prome-  
nade wieder an und setzte sie so lange fort, bis  
Lord Calverly ihn dort fand, der etwas ängstlich  
und geschäftig zu sein schien.

"Es war ein schöner Tag," sagte Arden zu  
ihm, "und es dürfte auch eine sehr schöne Nacht  
werden. Ich denke eine Promenade auf den  
Wällen zu machen, dann einen Schluck Wein zu  
trinken und mich zu Bett zu begeben, denn ich  
bin heute sehr zeitig aufgestanden."

"Ich wollte, ich könnte Euch auf Eurem Spa-  
ziengang begleiten," erwiderte Lord Calverly  
mit höflicher Verstellung, "aber ich habe ein un-  
angenehmes Geschäft abzumachen, und Geschäfte  
gehen immer Vergnügungen vor, wie Ihr selbst  
wißt, Sir Arden."

"Sehr richtig, Mylord, und sehr weise. Ich

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0 1 2 3 4 5 6 7 8 9 10

cm

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*Echinocactus hypoleucanthus*

May 22 1890

Jacobi visit.

15-18 reniform membranaceous sepals on fruit

x8

seed not ripe - empty!

a Gynocalyxium



x60

surface minutely  
tuberculata

1695



0 1 2 3 4 5 6 7 8 9 10

cm

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CHEMIST



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ALL THE NEW REMEDIES  
CONSTANTLY ON HAND



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0 1 2 3 4 5 6 7 8 9 10

cm

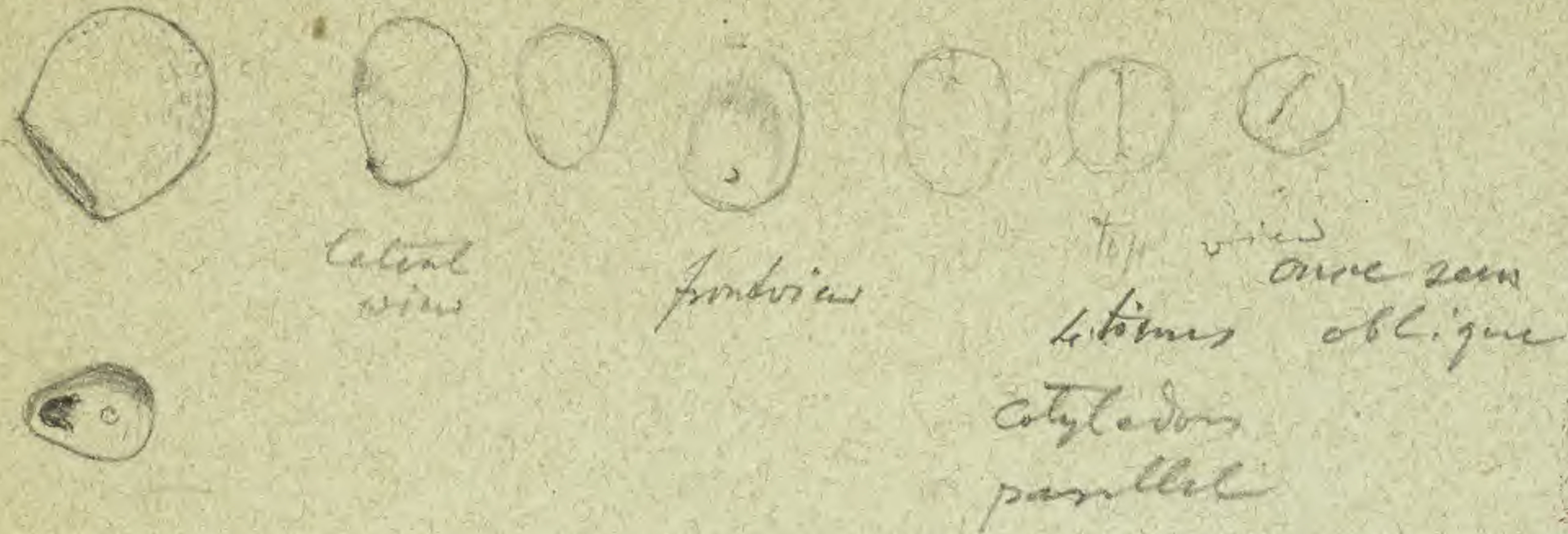
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*Casus gibbosus* July 6 1870  
Herb Guedoney, Vesinets, Paris April 5 1869



surface x60 covered  
with depressed tubercles,  
not shining, but mat  
and very slightly rough

1696



0 1 2 3 4 5 6 7 8 9 10

cm

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Coreus

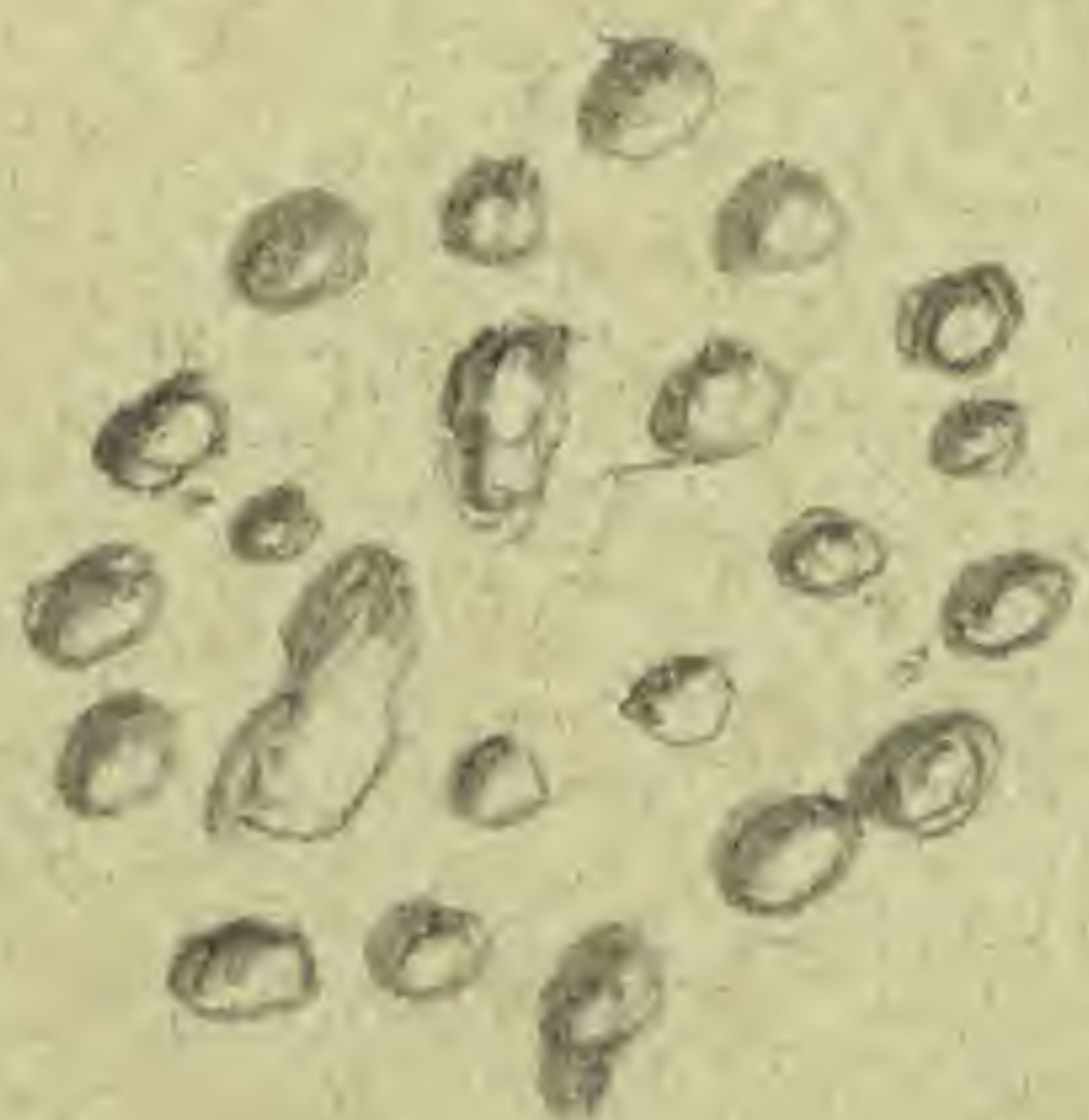
July 16 1870

Winnegua, Dr Hayes

x 8



x 60



Surface of seed  
pitted, pits  
sometimes  
confluent

1697



0 1 2 3 4 5 6 7 8 9 10

cm

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