

M0010607: Plate and translated text from a work on cell structure

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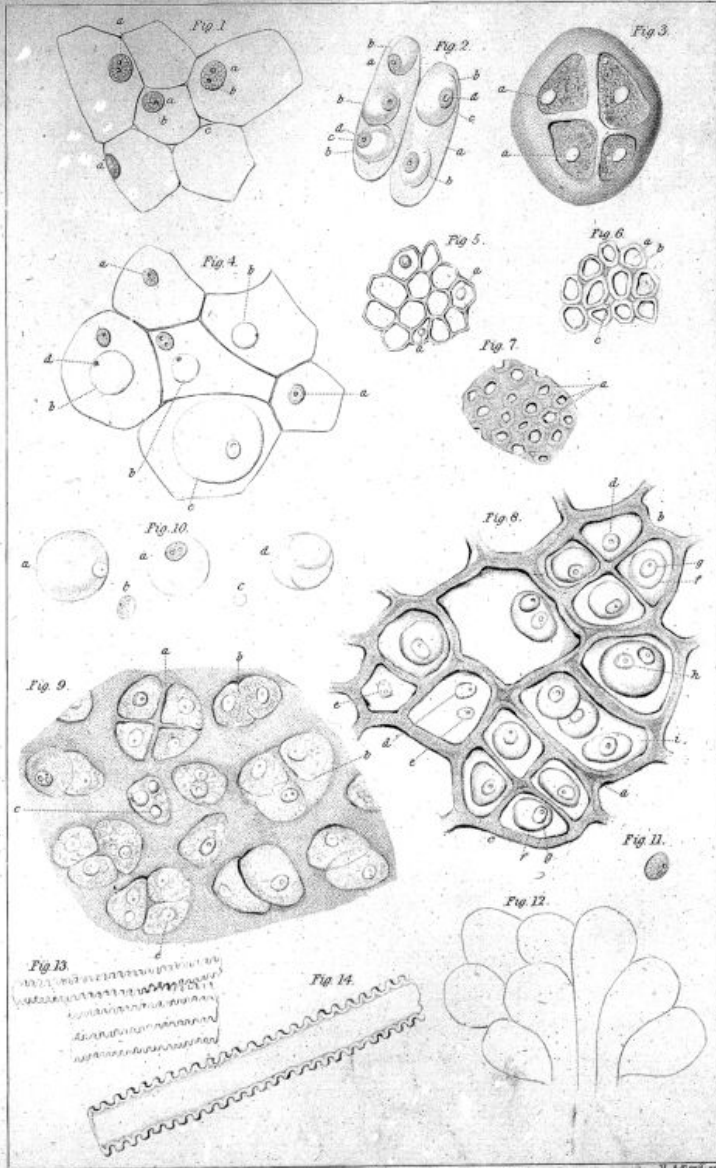
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Wellcome Collection
183 Euston Road
London NW1 2BE UK
T +44 (0)20 7611 8722
E library@wellcomecollection.org
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EXPLANATION OF THE PLATE

WHERE no other measurement is given, the figure represents the object magnified about 450 diameters, linear measurement.

PLATE I.

- Fig. 1. Parenchymatous cellular tissue, with cell-nuclei from an onion, magnified 290 times.
 - 2. Matrix of the pollen of *Rhipsalis salicornoides*.
 - 3. Do. do.
- I am indebted to the kindness of Dr. Schleiden for the last two delineations.
- 4. Cells from the chorda dorsalis of *Cyprinus erythrophthalmus*.
 - 5. Cartilage from the point of a branchial ray, from the same.
 - 6. Cartilage from the middle of a branchial ray, from the same.
 - 7. Cartilage from the root of a branchial ray, from the same.
 - 8. Branchial cartilage from the larva of *Rana esculenta*.
 - 9. Cranial cartilage (ethmoid bone) from the larva of *Pelobates fuscus*.
 - 10. Cells from the crystalline lens of a foetal pig four inches long.
 - 11. An isolated nucleus of the cells of the crystalline lens.
 - 12. Cells from the crystalline lens of the same foetus, exhibiting their prolongation into the fibres of the lens.
 - 13. Fibres from the innermost layers of the lens of a pike.
 - 14. Cell from the epidermis of a species of grass.