

Aug 10 + 11

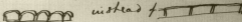

Cajou calliantha

The epidermis cells very brown; in some places the chloroplast looks quite healthy ^{in the palisade cells} under the brown epidermis in other cells the grains are fused into a granular green mass: in others ~~the~~ whole palisade cells are brown and shrunk: many of the ^{secondary} ~~primary~~ ^{very} nerves are brown but not the main mid ribs: in some places the epidermis & vascular bundle are brown. the intervening palisade cells green.

Palisade cells form $\frac{3}{5}$ of thickness of leaf

July 13. 1877

Capsia calantra

The upper epidermic cells differ from those of the ordinary capsia in being dome shaped, making an outline.  instead of 

Looking vertically down on a piece of epidermis each cell is seen to be studded with dots which do not disappear with ether & I cannot say they are larger before ether treatment

They only project very slightly as they are very hard to see with high power in sections. — I (L.S.)

do not see the dots with a lens, but I see
no difference.