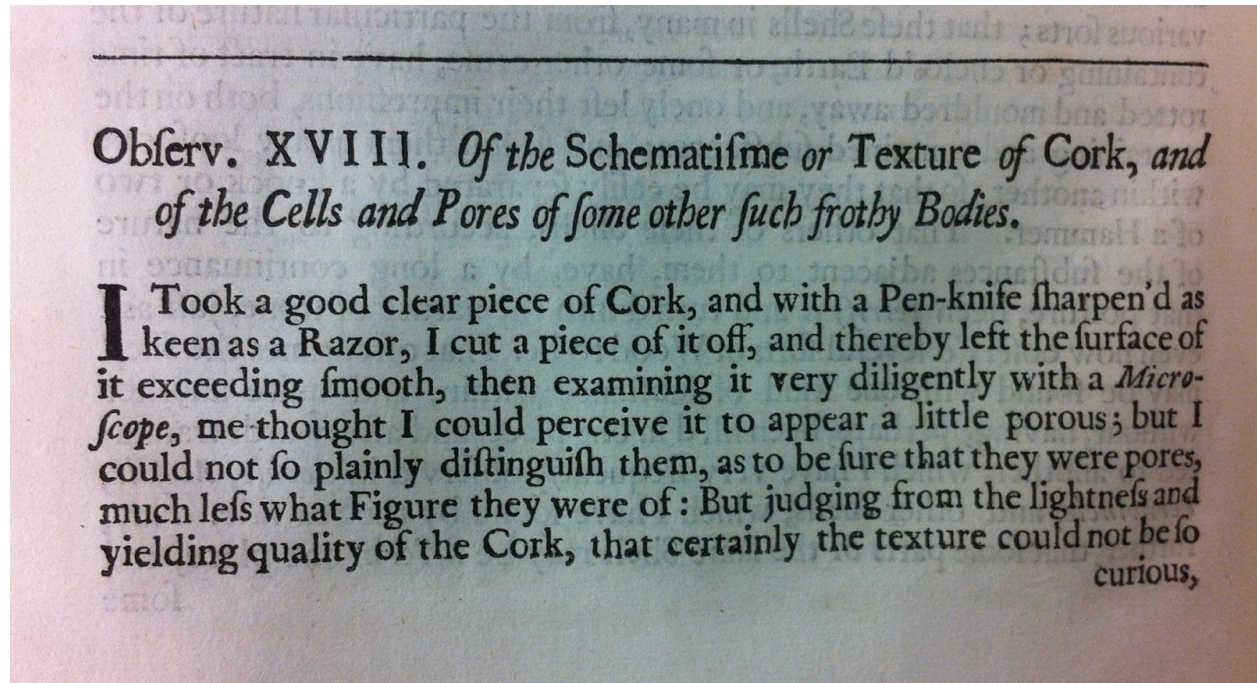


# Of The Cells and Pores of Frothy Bodies

Robert Hooke, *Micrographia* 1665



Adapted from the original

I took a piece of Cork and with a Pen-knife as sharp as a Razor, cut a piece of it off, and left it smooth. Then examining it very carefully with a *Microscope*, me thought it looked a little **porous**; but I could not be sure. Judging from the lightness and yielding quality of the Cork, possibly I might discern the texture with a *Microscope*.

With the same sharp Penknife, I cut an exceeding thin piece of it and with a stronger lens, I could plainly see it was full of holes, like a Honey-comb.

First it was mostly empty space compared to the thickness of the walls, which were nearly as thin as the wax walls in Honey-comb. Next, these holes, or cells, were not very deep, but constituted of a great many little Boxes.

As soon as I saw these (which were indeed the first *microscopical* holes I ever saw, and perhaps, that were ever seen) I thought I had the discovery of them. They hinted to me the true and understandable reason of all the *Phaenomena of Cork*.