Oranges are a rich source of vitamin C and also provide potassium is well known. Besides they are a good source of fibers too. A large proportion of the fiber material in peeled orange is insoluble fiber. Insoluble fiber helps in regulating bowel movement and is found in the peel part. The soluble fiber is a part of the sweet juicy pulp.

When seen under a foldscope the fibers from the peel were seen to form cellular bundles.
Next time I am going to separate these fibers or dissolve them in a solvent to see them more clearly.