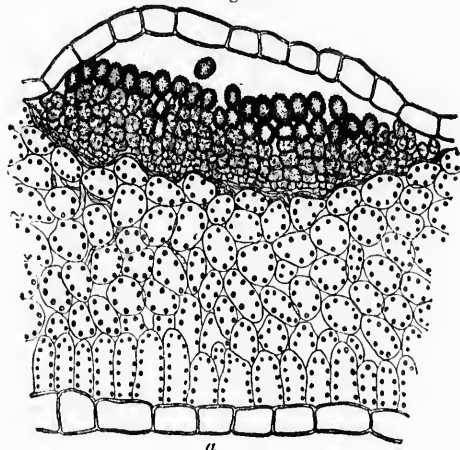


“The disease becomes noticeable as soon as the foliage expands in spring, affected leaves having a peculiar golden colour, which at once distinguishes them. A little later the surface becomes more or less covered with small round patches of orange-coloured spores, to which the common name is due. The life-history of the fungus has only recently been definitely worked out.

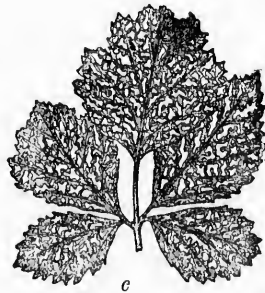
Fig. 10.



a
Section of Blackberry leaf showing development of orange rust spores, magnified.



b
Raspberry leaf affected by orange rust.



c
Blackberry leaf affected by orange rust.

“The fungus exists on the blackberry plant in two very different stages. The orange spores that are developed in spring and early summer, as shown in Fig. 10, belong to the *acidium* stage. [The above illustration