

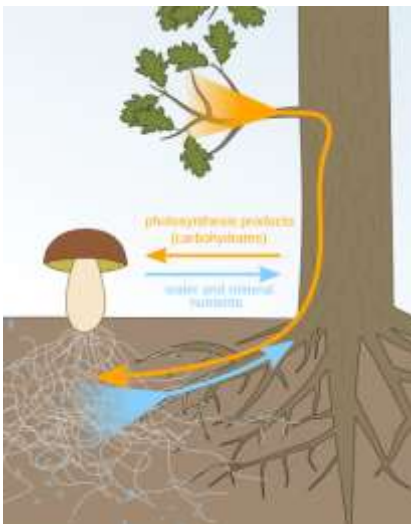
MYCELIUM & THE WORLD WIDE WEB OF NATURE



BBC Earthlife T-shirt design showing the Mycelium network with trees

**Mycelium, rarely seen, rarely valued but the root of LIFE!
The answer to multiple problems now facing the world.
Yet it is there, under our feet in the Cemetery and everywhere.
So what is it? Why so important? What are its uses?**

Mycelium is made up of tiny threads of *fungal hyphae*. The *networks* it forms underground can be minute or, as in Oregon, become the largest known living organism in the world – over 10sq.m. *When conditions are right*, it will bear fruit, that is fungi (mushrooms) on the surface and truffles underground. But there is more...



Mycelium mingles with roots of plants and trees to form Mycorrhizal Networks and a World Wide Web of communication and exchange. Plants produce sugars and fats which fungi absorb and fungi in turn help plants and trees absorb water and nutrients from the soil to their roots. Plants have special relationships with specific fungi. Both can capture carbon from the atmosphere. Hyphae break down organic matter, recycle leaf matter, keep soil healthy and provide food for bacteria and animals living in the soil.

Mycelium is vital to the future. Vital to agriculture and crop yields and vital to many new sustainable products – building materials, insulation, mouldings for art and architecture, fabrics and clothing, medical uses of many kinds and above all food.

THE MYCELIUM REVOLUTION IS UPON US.



It's complex – read more at www.kew.org/read-and-watch/fungi-hidden-dimension