

AA 18

What is soil?

From the bottom up



If pigs could only speak.....
A layman's view on why we need soil reserves

Ted Green

If pigs could only speak



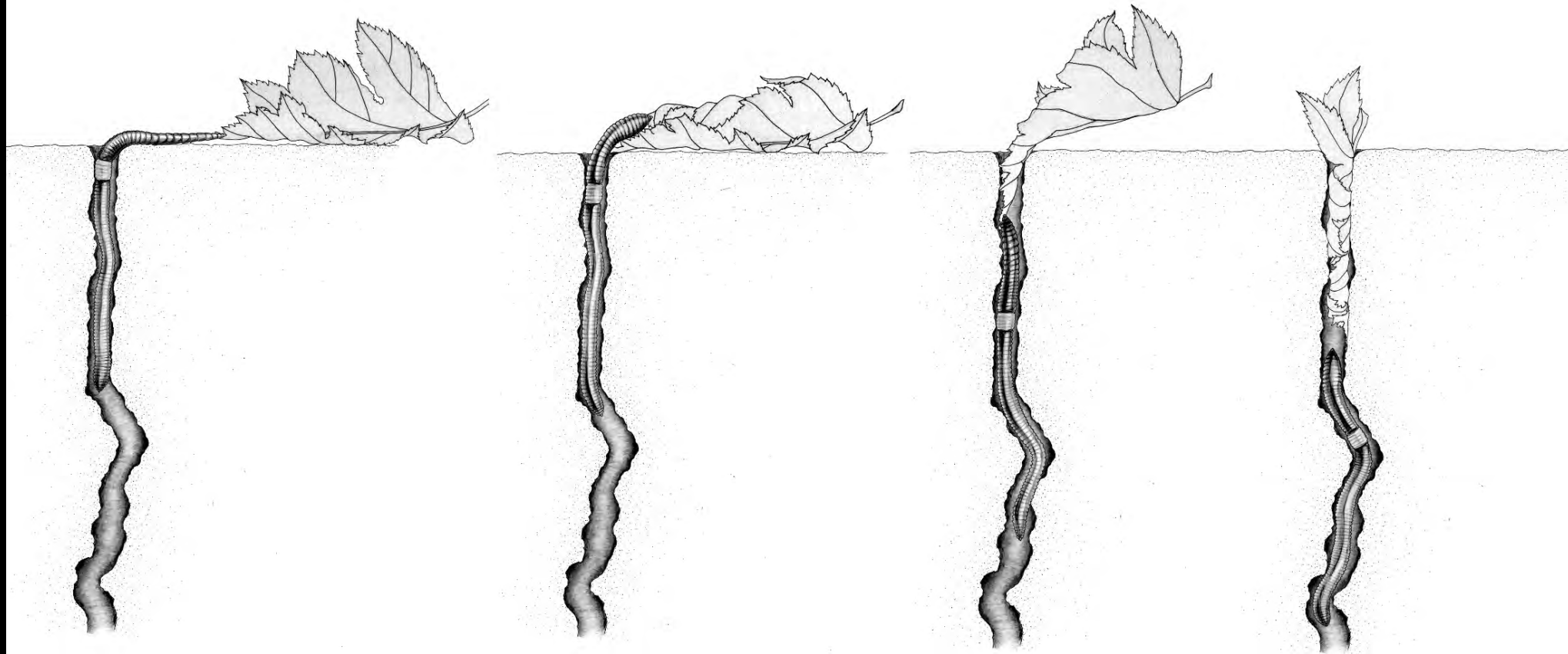
Partnerships – which is host?



A tree is:
a unique, dynamic, individual and mutualistic support system for fungi and other microorganisms.



Soil makers





Soil makers

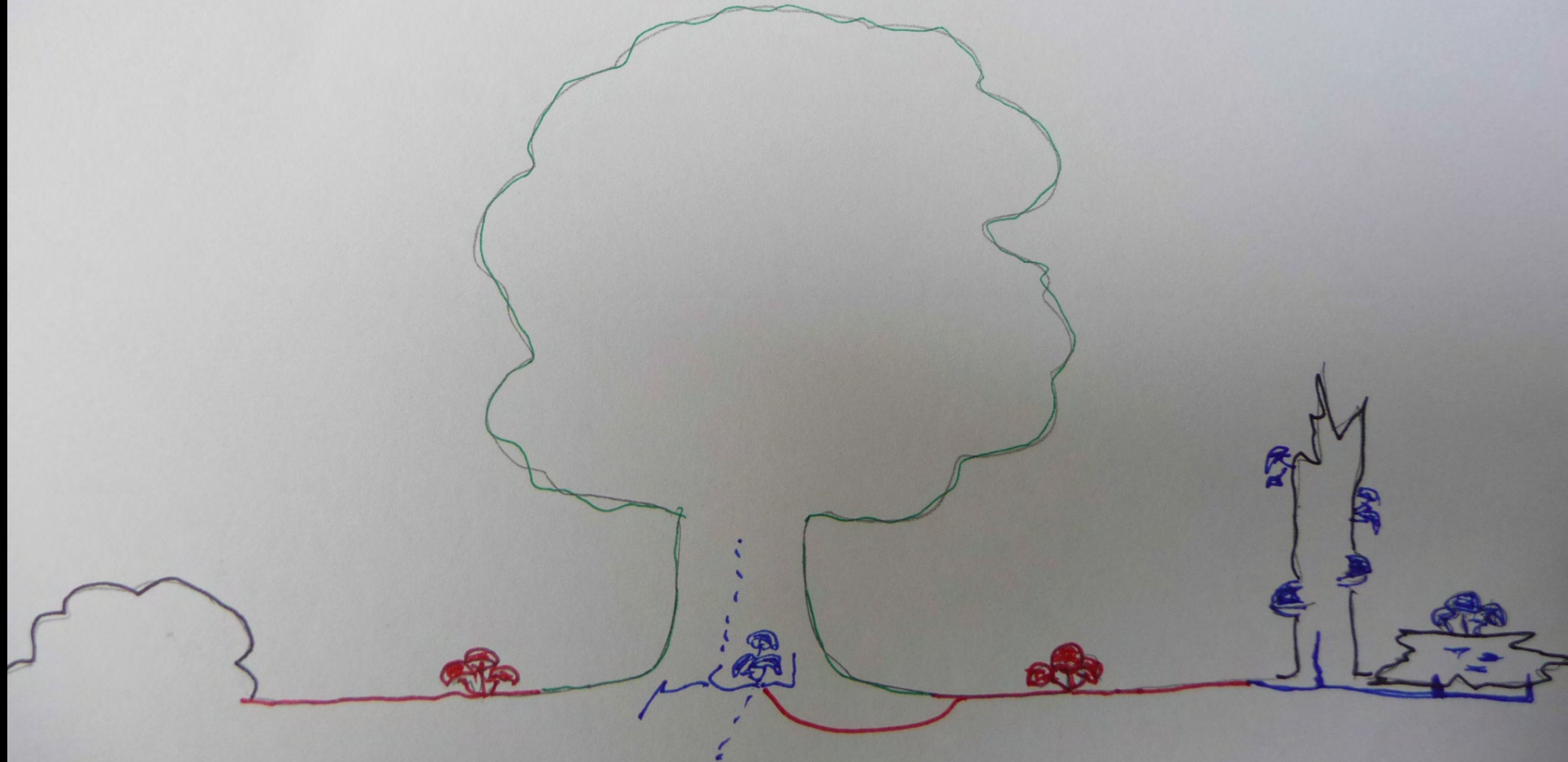












Table 1 The mycorrhizal status of common British woodland trees and understorey plants. EcM = ectomycorrhizal; GEM = glomalean endomycorrhizal; N-M = non-mycorrhizal or nearly so. Data extracted mostly from Harley & Harley 1987.

Species	Mycorrhizal status
Trees	
Sweet Chestnut <i>Castanea sativa</i>	EcM
Hazel <i>Corylus avellana</i>	EcM
Beech <i>Fagus sylvatica</i>	EcM
Ash <i>Fraxinus excelsior</i>	EcM
Larch <i>Larix decidua</i>	EcM
Scots Pine <i>Pinus sylvestris</i>	EcM
oaks <i>Quercus</i>	EcM
willows <i>Salix</i>	EcM
Sycamore <i>Acer pseudoplatanus</i>	GEM
Common Hawthorn <i>Crataegus monogyna</i>	GEM
Holly <i>Ilex aquifolium</i>	GEM
cherries <i>Prunus</i>	GEM
willows <i>Salix</i>	GEM
Rowan <i>Sorbus aucuparia</i>	GEM
Yew <i>Taxus baccata</i>	GEM
elms <i>Ulmus</i>	GEM
none	N-M

























"Raindrops keep
falling on
my head . . ."





Acid rain in the 1980s Czech Republic





















The land may belong to landowners but the soil must belong to the nation





The Nation's soil on its way to fertilise and pollute our seas





Change flood water to flood mud and it is no longer
an expensive engineering problem but a farmers problem





V





We have the technology to keep the traffic lights working
but don't have the power to stop the flood mud.





Come on arbs!