



# Dirt

What's it good for?



# Rotting Apples

- How do you keep an apple fresh (not rotting)?
- What happens when an apple rots?  
(rotting apple video)



# Rotting Apples



What does this have to do with soil?

If a bear poops in the woods...

1/2 pound a day

300 days a year

A bear lives 25 years

Where does the stuff go when something rots?

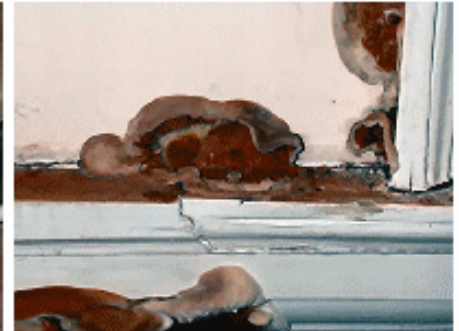
HINT : CONSERVATION OF MATTER!

# So...

- When something rots, it is broken down by many small animals and fungi.
- Where do all of these things come from?



Dry Rot on the underside of the basement floor



Dry Rot in panelling



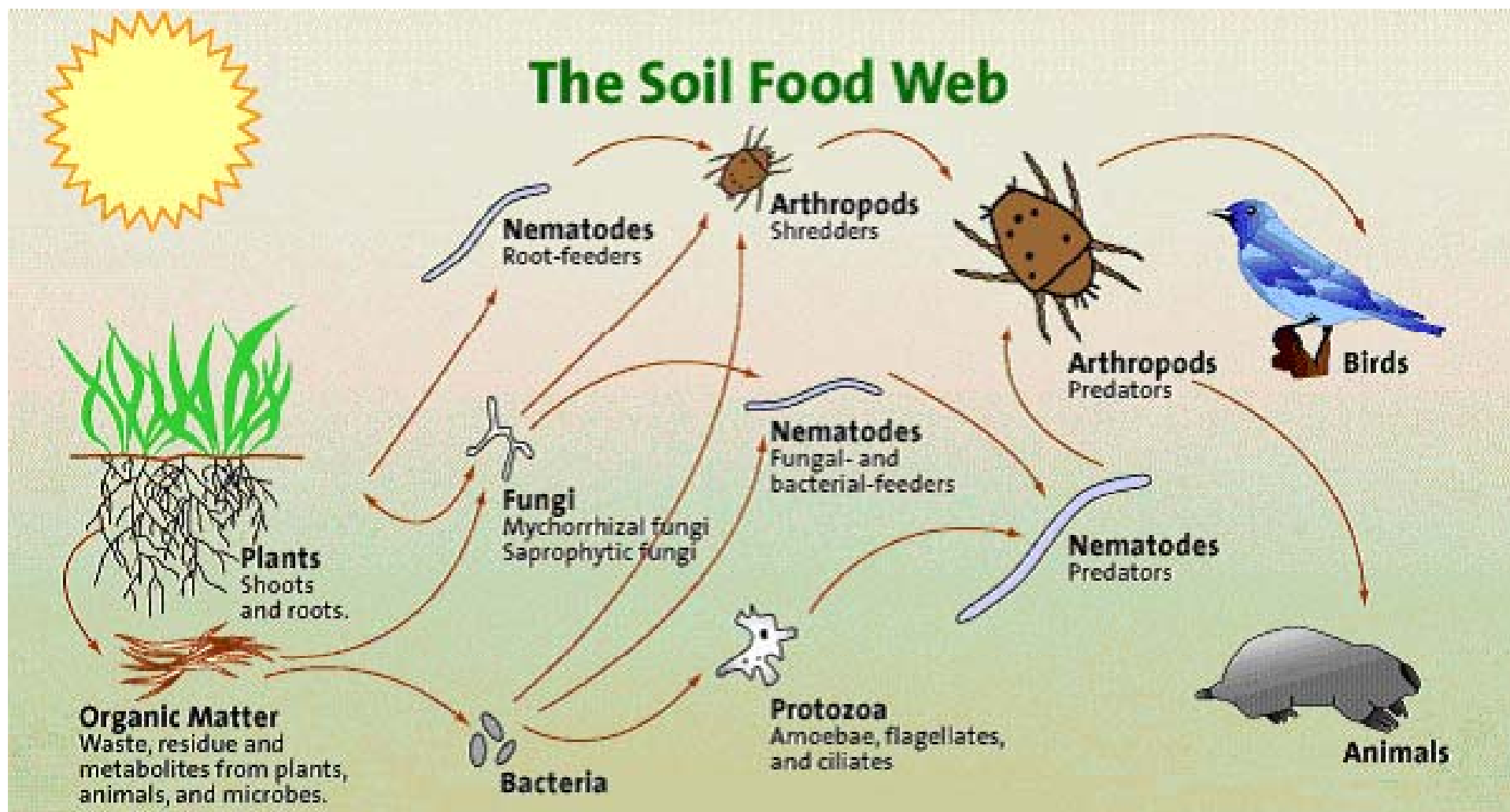
Non wood rotting fungi !!

[www.premier-heritage.co.uk](http://www.premier-heritage.co.uk)



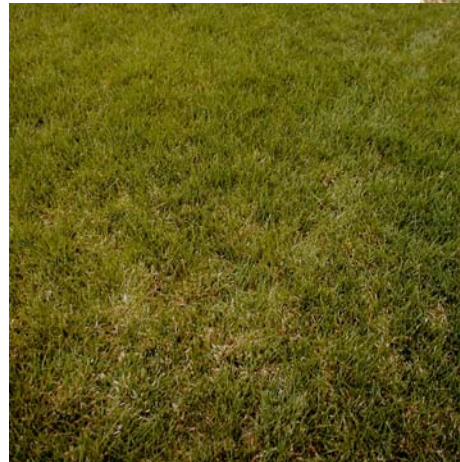
[www.padil.gov.au](http://www.padil.gov.au)

# The Soil Food Web



# Today we will look at soils from different areas.

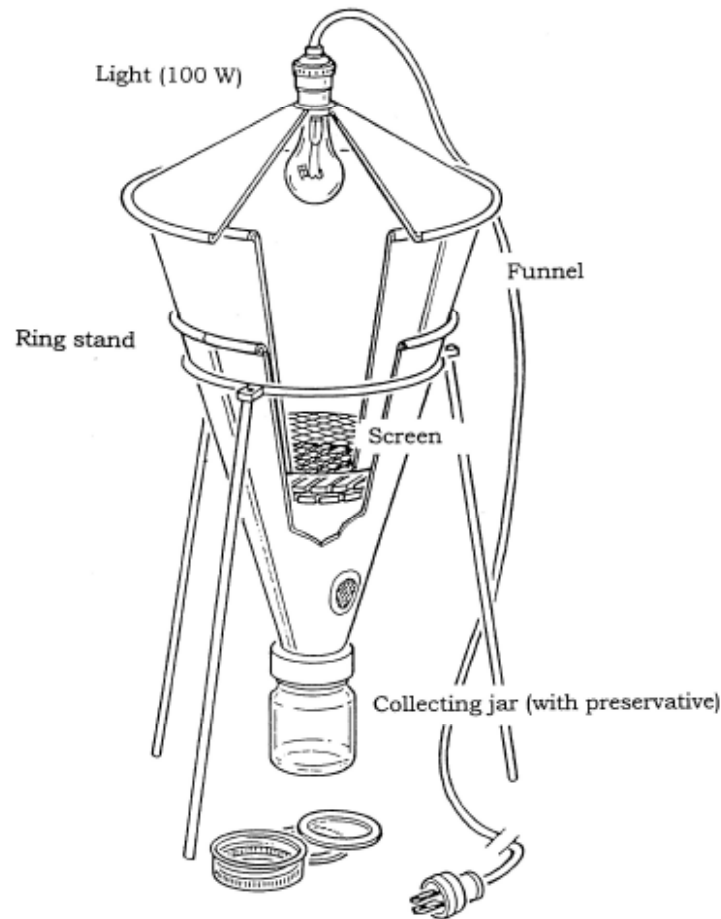
- Soil has been taken from three areas
- FARM FIELD
- WOODS
- MOWED GRASS



Which soil will have the most living things?



# Part 2: Berlese Funnel



Heat from light bulb warms the top of the soil and the animals climb down into sample jar to get away from the heat RADIATING from the light bulb.

# Day 1

Soils worksheet 1 – read carefully before you start!

After you complete worksheet 1 – we will choose as a class which samples go into the Berlese funnel.

In two weeks we will examine our samples again.