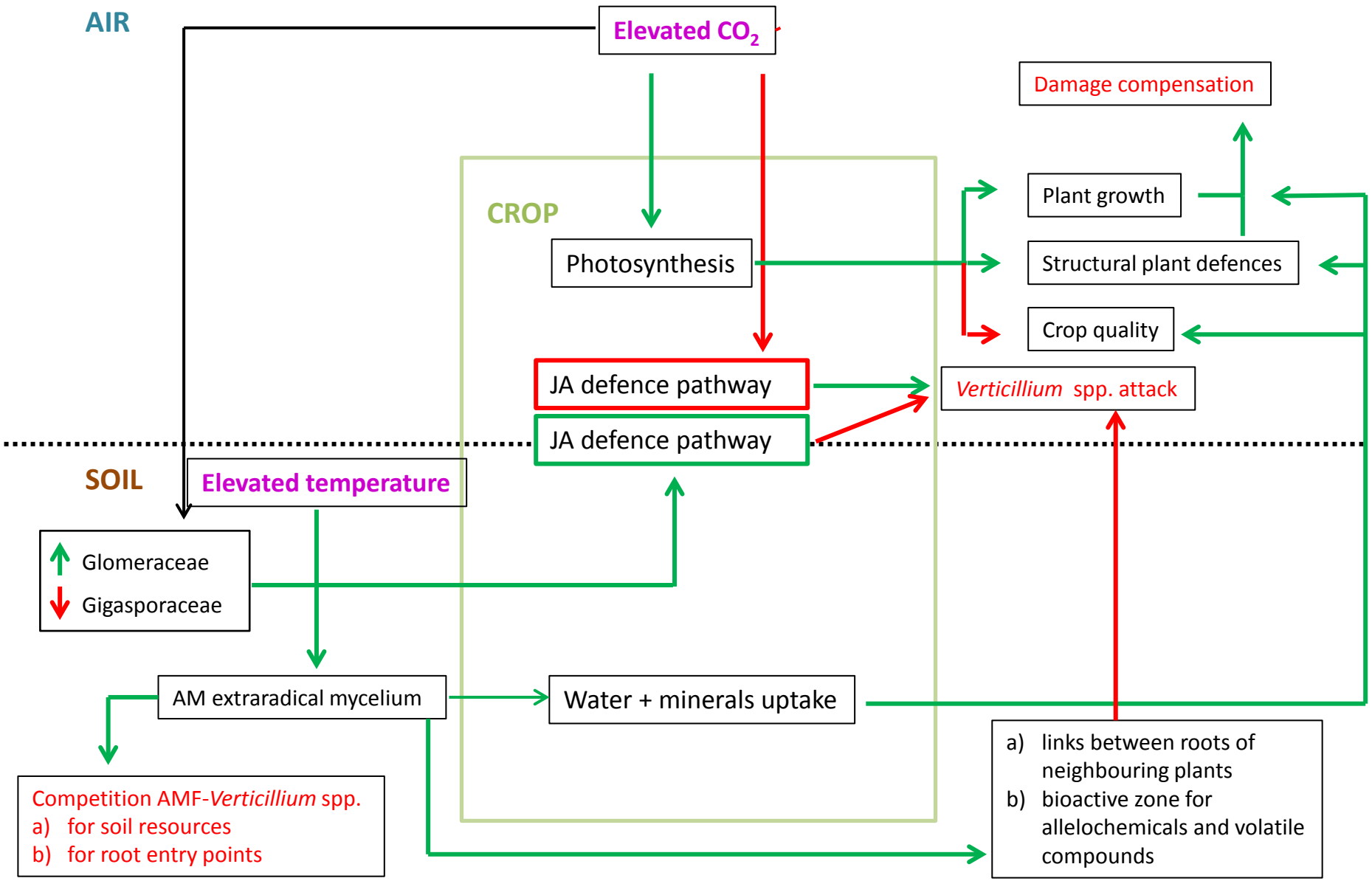
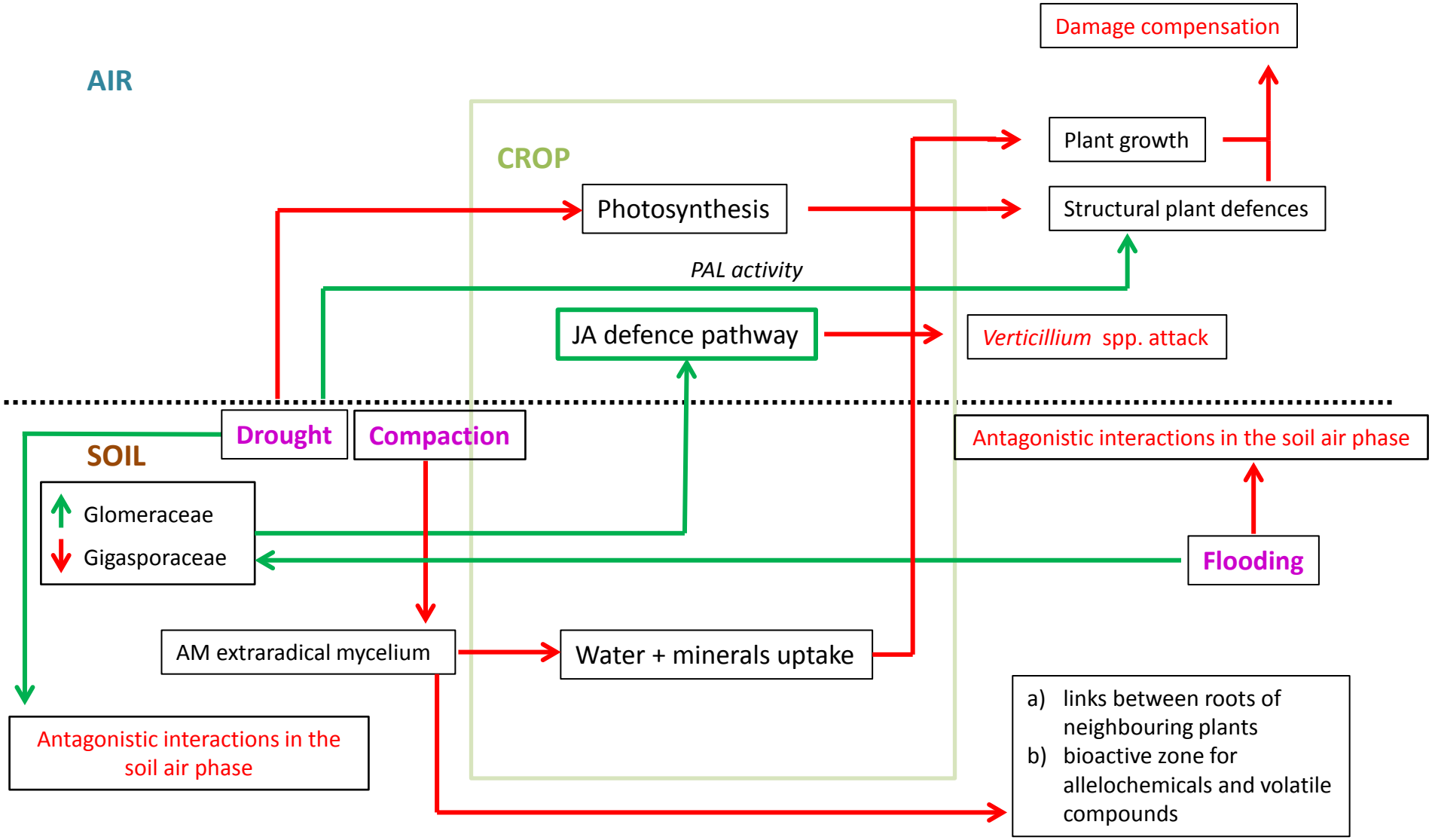

AIR
Elevated CO_2
Damage compensation
CROP
Plant growth
Photosynthesis
Structural plant defences
Crop quality
JA defence pathway
Verticillium spp. attack
JA defence pathway
SOIL
Elevated temperature
Glomeraceae
Gigasporaceae
AM extraradical mycelium
Water + minerals uptake
Competition AMF-*Verticillium* spp.
a) for soil resources
b) for root entry points
a) links between roots of neighbouring plants
b) bioactive zone for allelochemicals and volatile compounds


Damage compensation
AIR
CROP
Plant growth
Photosynthesis
Structural plant defences
PAL activity
JA defence pathway
Verticillium spp. attack
Drought
Compaction
Antagonistic interactions in the soil air phase
SOIL
Glomeraceae
Gigasporaceae
Flooding
AM extraradical mycelium
Water + minerals uptake
Antagonistic interactions in the soil air phase
a) links between roots of neighbouring plants
b) bioactive zone for allelochemicals and volatile compounds