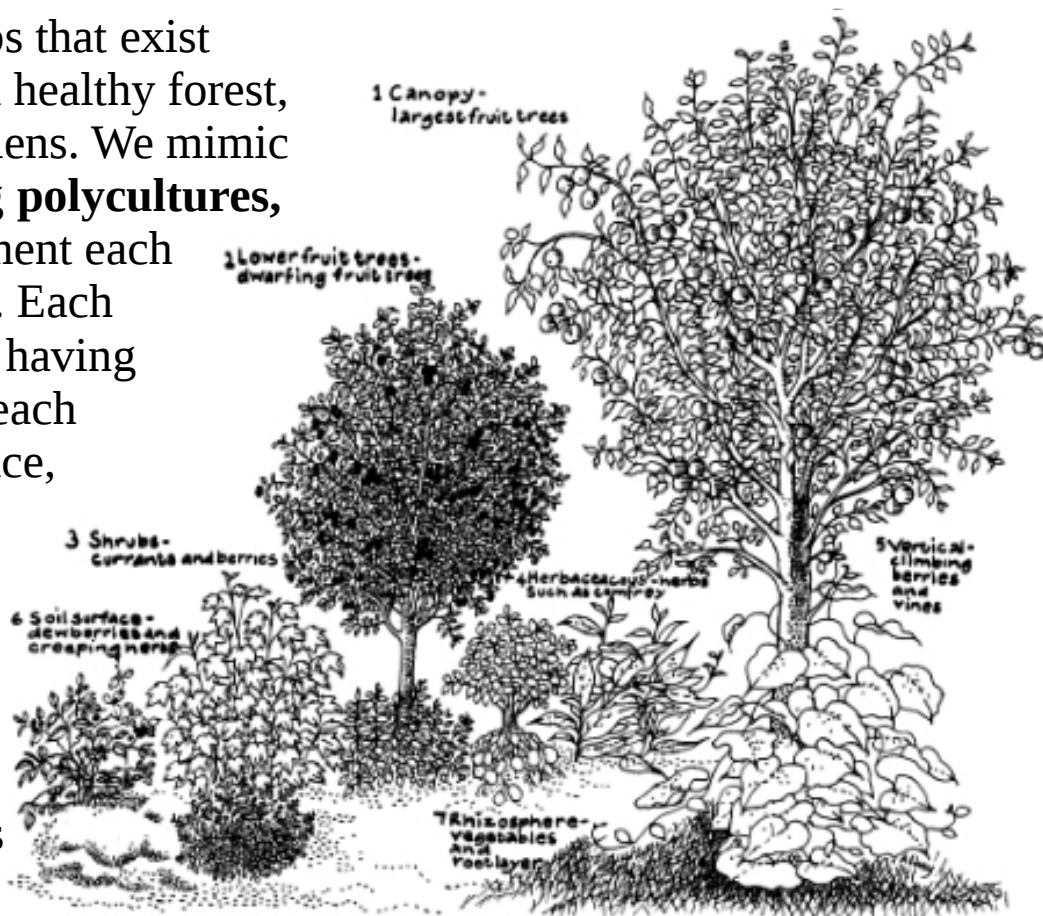


URBAN APPLE TREE POLY CULTURE

Look at the relationships that exist between plants within a healthy forest, using a **Permaculture** lens. We mimic those layers by planting **polycultures**, groupings that complement each other in time and space. Each layer **stacks functions**, having more than one role for each plant to play. For instance, **comfrey** is a **dynamic accumulator**, but it also acts as an **insectary**, providing habitat year-round for beneficial insects. Adding even two layers will have a big impact.



PLANT NAME	LAYER	NOTES
Apple tree	Canopy	Pick a variety you can't buy in the store
Black Elderberry	Lower tree	Edible and medicinal berries
Currants	Shrub layer	Early season pollination and edible/medicinal berries
Gourds/Beans	Vertical/vine layer	Or use a perennial like Hardy Kiwi
Comfrey	Herbaceous layer	Non-seeding Bocking cultivar; dynamic accumulator, mulch, insectary
Hyssop	Herbaceous layer	Insectary, pollinator
Onions/Chives/Alliums	Herbaceous layer	Pest repellent
Thyme	Ground cover	Insectary, pest repellent
Oregano	Ground cover	Insectary, pest repellent
White/Prairie Clover	Ground cover	Nitrogen fixer, erosion control, pollinator
Strawberry	Ground cover	Insectary
King Stropheria Mushrooms	Rhizosphere	Soil Creator

Big River



Permaculture