

A photograph of a garden filled with large, green, leafy plants, likely squash or zucchini. Several bamboo stakes are planted in the ground to support the plants. The text 'Permaculture' is overlaid in a blue, stylized font.

Permaculture

The New Culture of Food & Urbanity

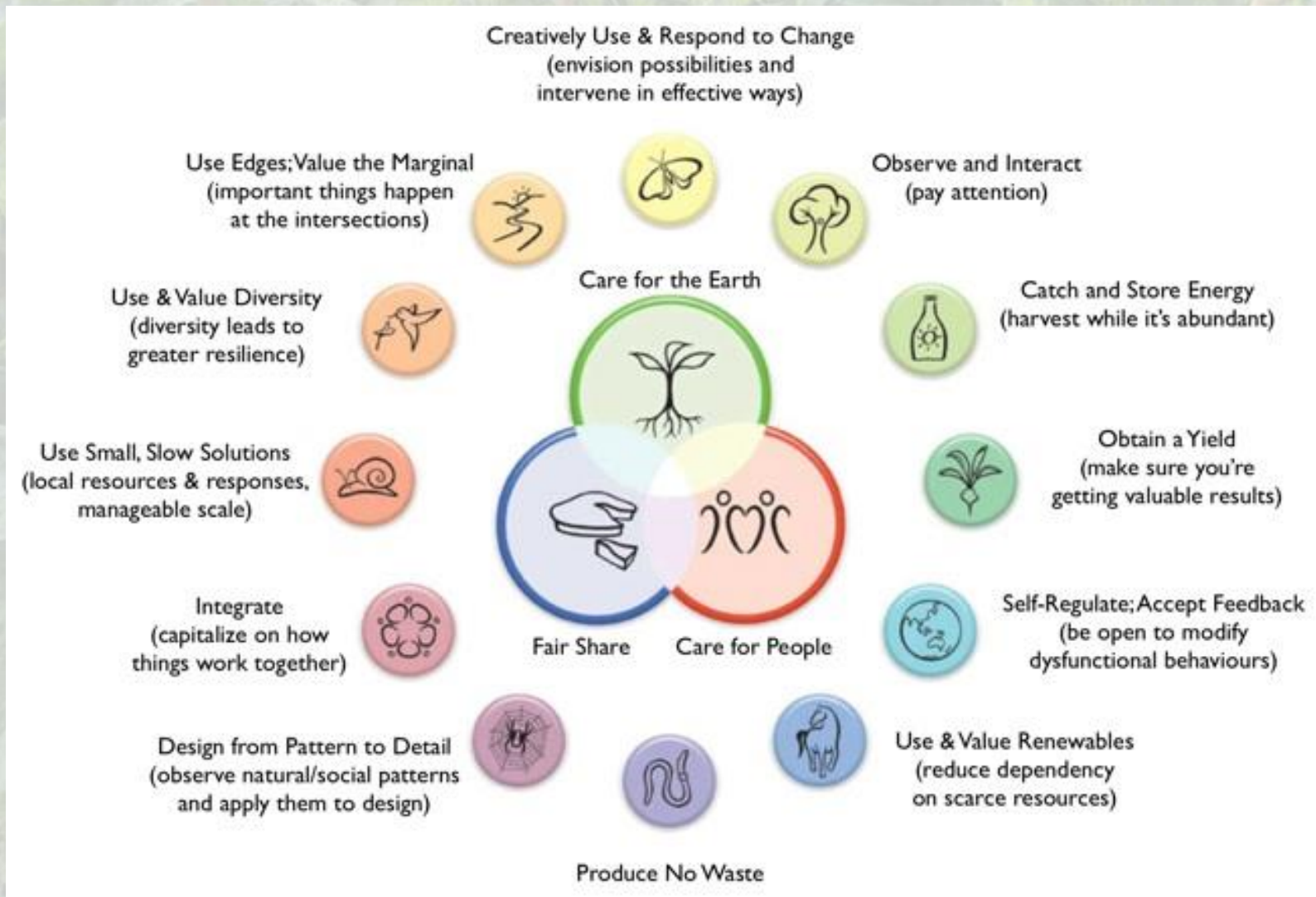
Urban Patchwork

Vista Planning & Design

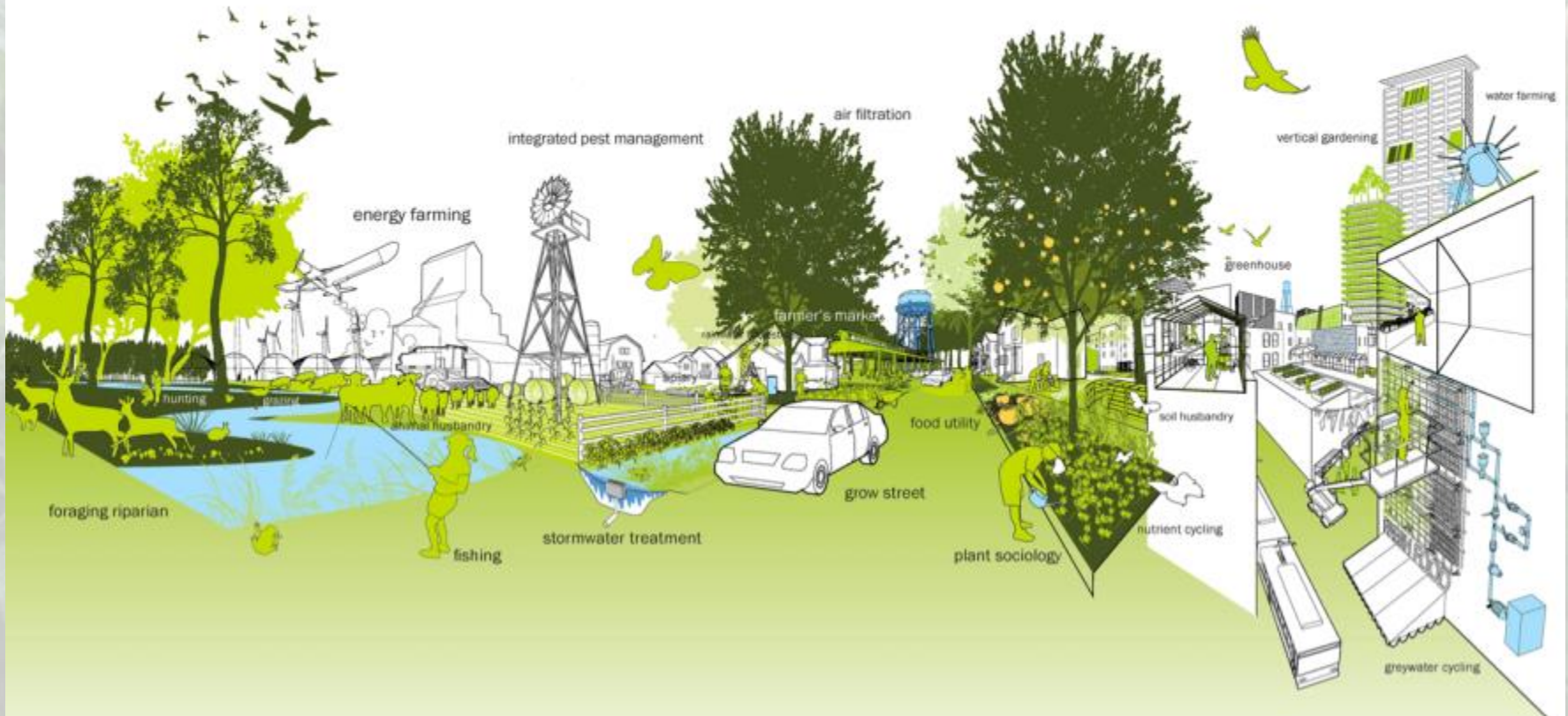
- History and Back to Basics
- The Rise of Corporate Food
- The Rise of Chronic Disease



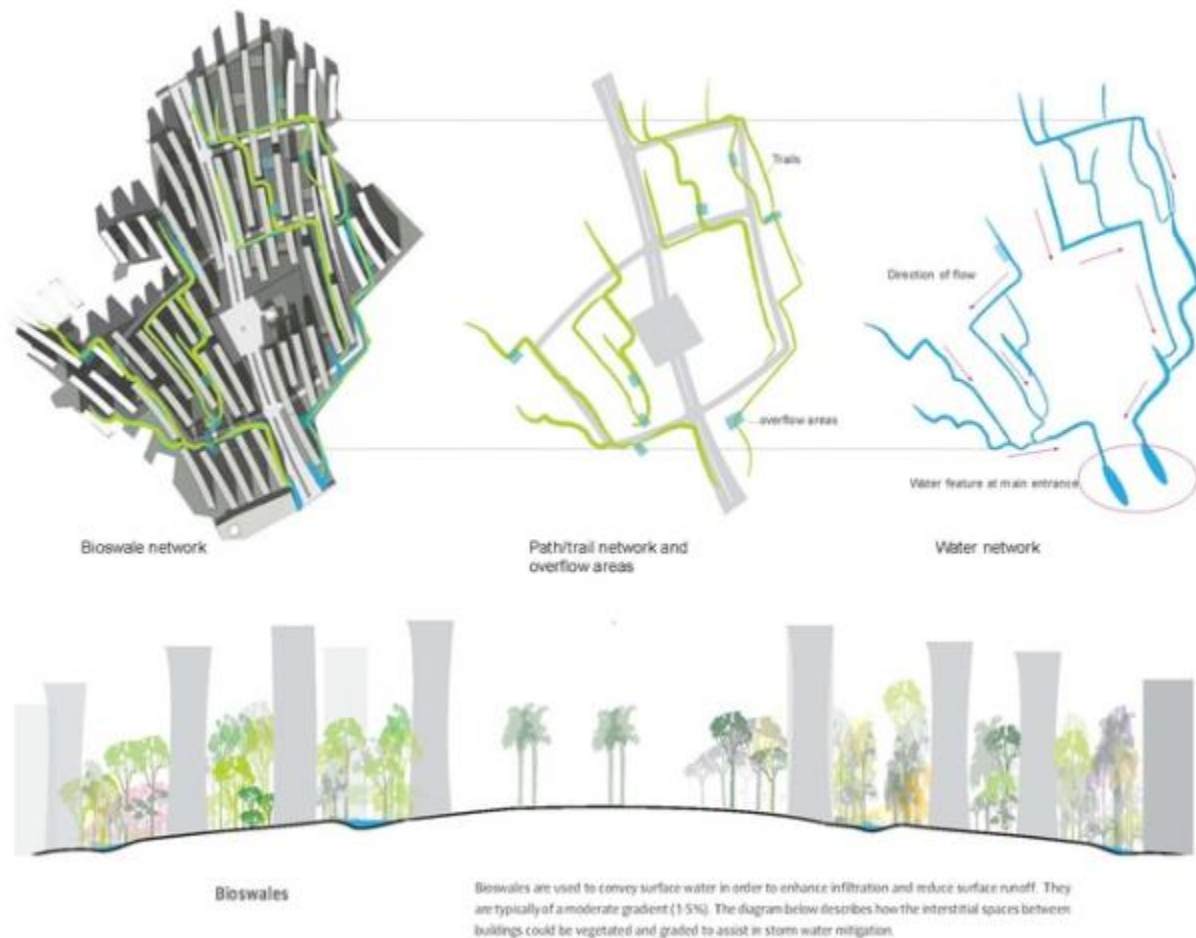
Community Gardens & Urban Agriculture, Permaculture, Food Forest: Coming Full Circle



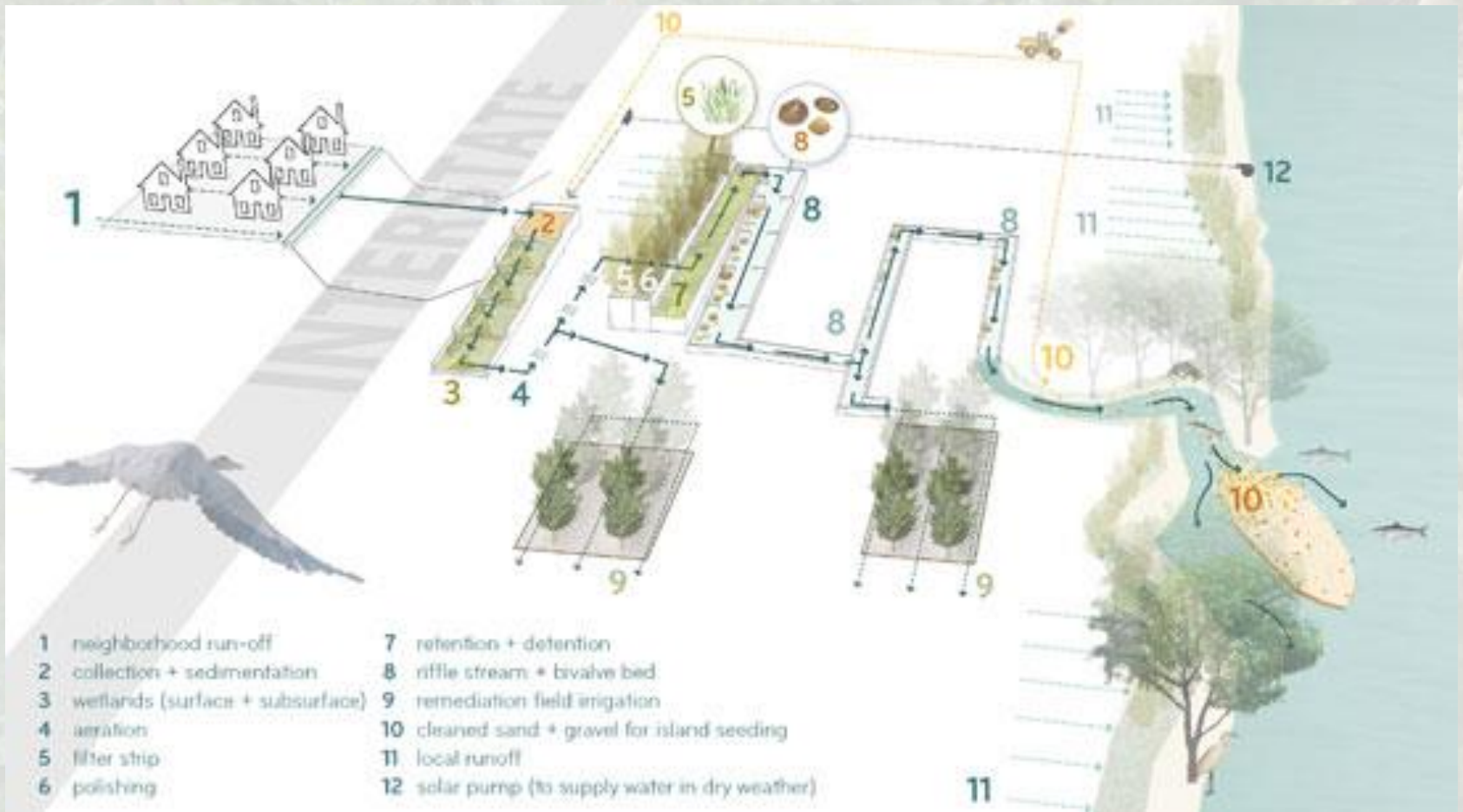
Agricultural Urbanism for Public Spaces



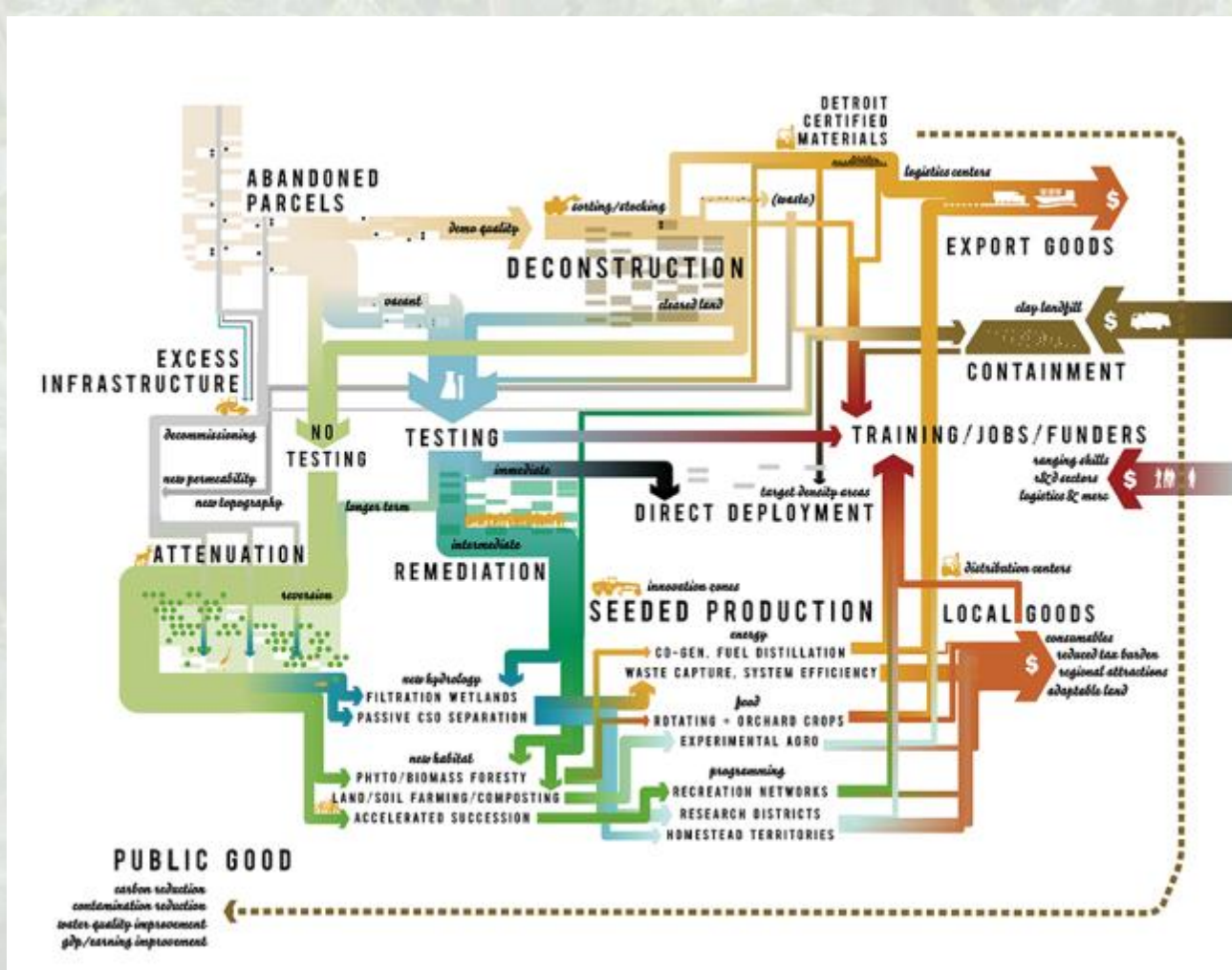
Permaculture uses observation of nature to create regenerative systems, and the place where this has been most visible has been on the landscape.



Permaculture draws from several disciplines: organic and natural farming, agroforestry, integrated farming, sustainable development, biomimicry and applied ecology.

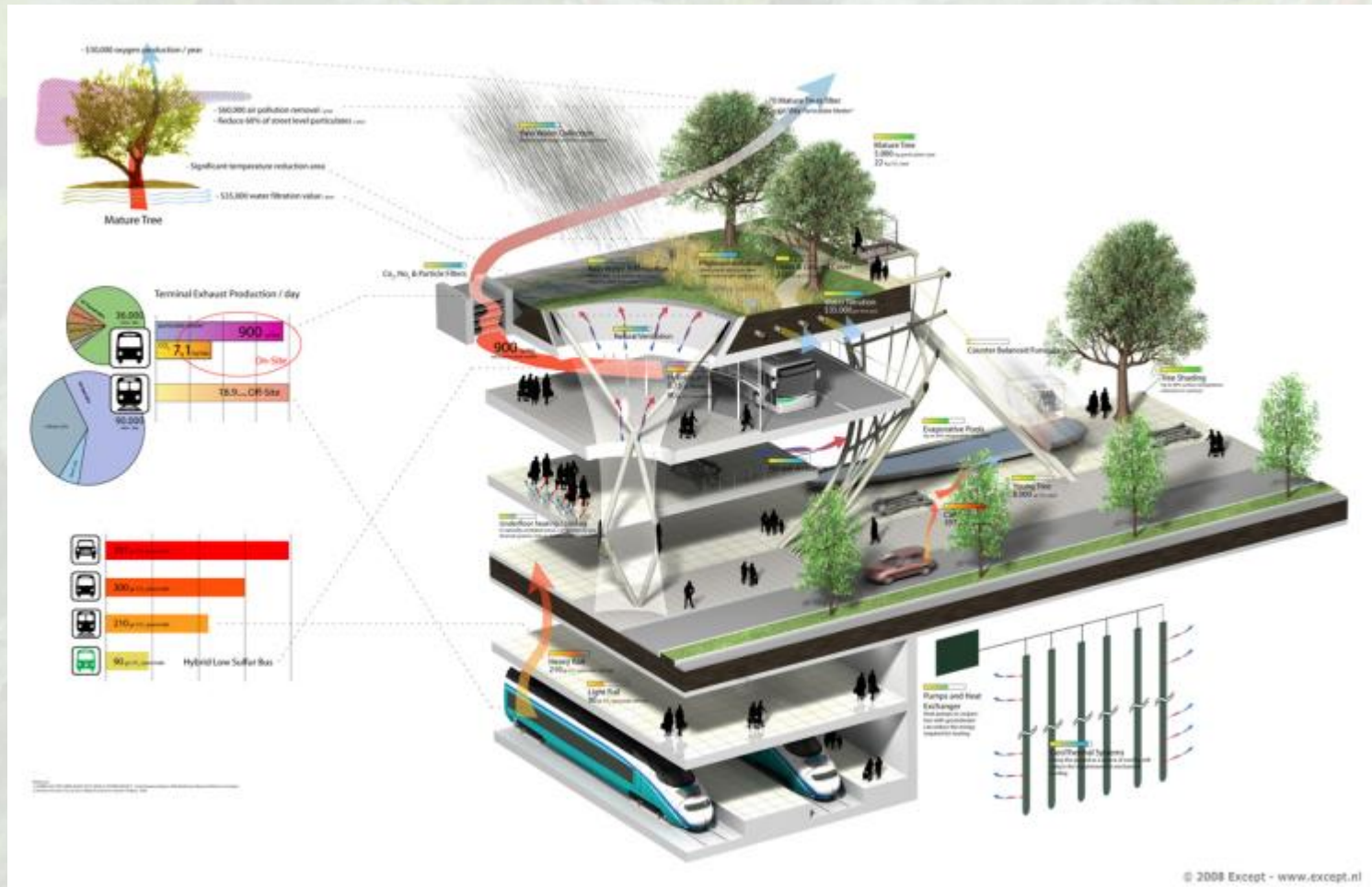


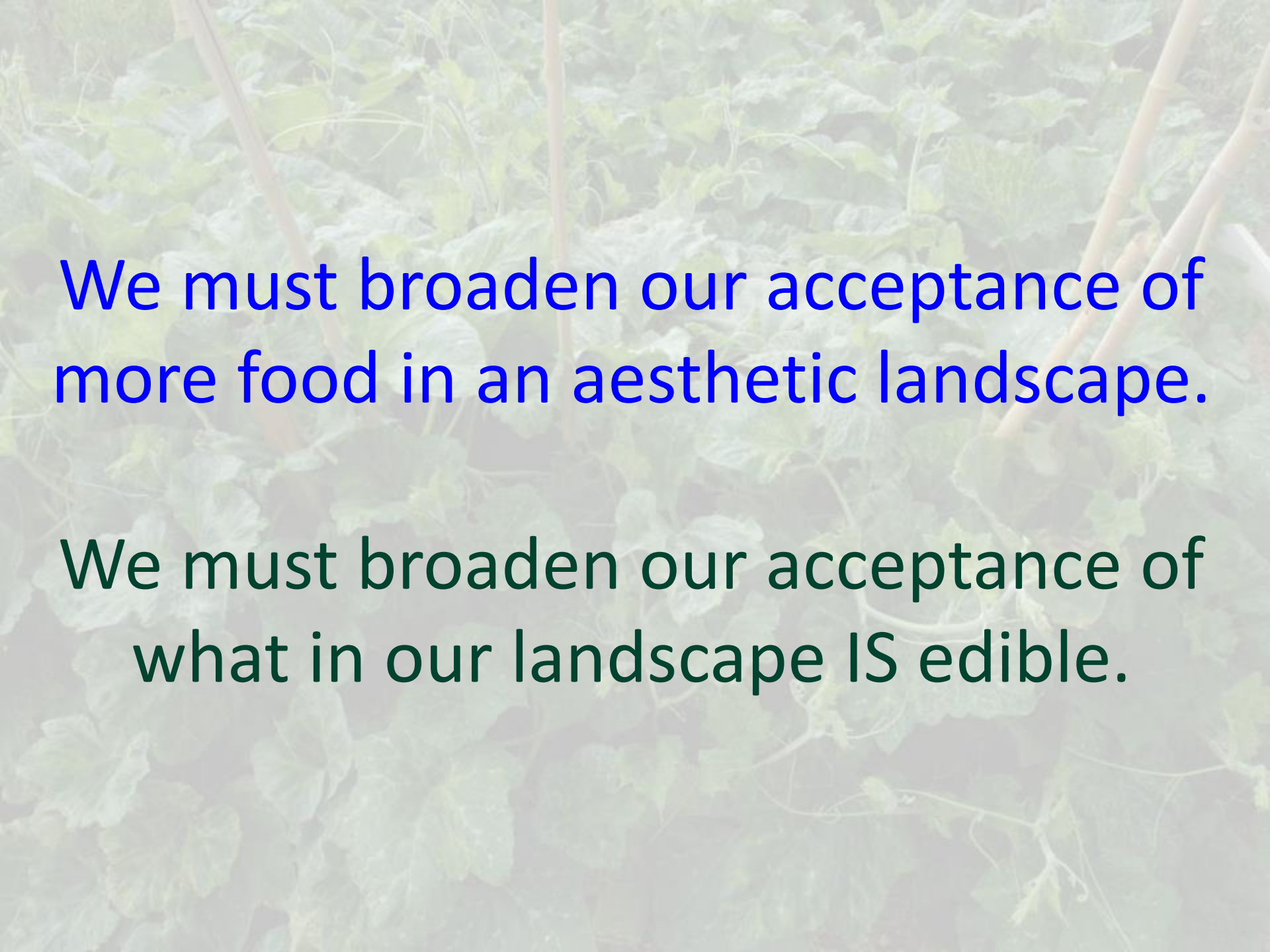
Permaculture design emphasizes patterns of landscape, function, and species assemblies to determine where these elements should be placed to provide maximum benefit to the local environment.



The focus of permaculture is on the relationships created among elements by the way they are placed together; the whole becoming greater than the sum of its parts.

So what happens when you start listening to clients needs/wants, and assessing a site for how you're going to create a new design...this is how you start to see everything around you:





We must broaden our acceptance of more food in an aesthetic landscape.

We must broaden our acceptance of what in our landscape IS edible.





Pecan

Live Oak

Mexican Plum

Dwarf Yaupon

Pecan: Nuts Live Oak: Nuts ground into powder for soups and baking, medicinal uses

Mexican Plums: Fruit

Yaupon Holly: Tea, Medicinal uses

Fruit Varieties for Travis County

by Skip Richter, Travis County Extension Director and Susan Decker, Master Gardener

APPLES

Fuji
Gala
Granny Smith
Mollie's Delicious
Mutsu
Pink Lady
Smoothie

BLACKBERRIES

Thorny
Brazos
Kiowa
Rosborough
Thornless
Apache
Arapaho

CITRUS

Lemon
Improved Meyer
Lime
Mexican Lime
Satsuma
Miho
Seto
Owari

FIGS

Alma
Celeste
LSU Purple
Texas Everbearing/
Brown Turkey

GRAPES

Black Spanish (Le Noir)
Blanc du Bois
Champanel
Favorite
Lake Emerald
Verdelet

JUJUBES

Chico
Honey Jar
Li
Lang
Shanxi Li
Sherwood
Sugar Cane
Winter Delight

PEACHES

Freestone
Dixiland
Flavorcrest
Gala
Goldprince
Harvester
Hawthorne
Juneprince
La Feliciano
Regal
Southern Pearl
Tex Royal
Texstar
Cling
Bicentennial
Junegold

PEARS

Ayers
Garber
Kieffer
LeConte
Magness
Moonglow
Orient
Warren

PERSIMMONS—Asian

Non-Astringent

Fuyu
Ichikikei Jiro (dwarf)
Izu
Suruga
Chocolate (Astringent
when seedless)

Astringent

Hachiya
Honan Red
Saijo
Tamopan

PLUMS

Allred
Methley
Robusto
Santa Rosa

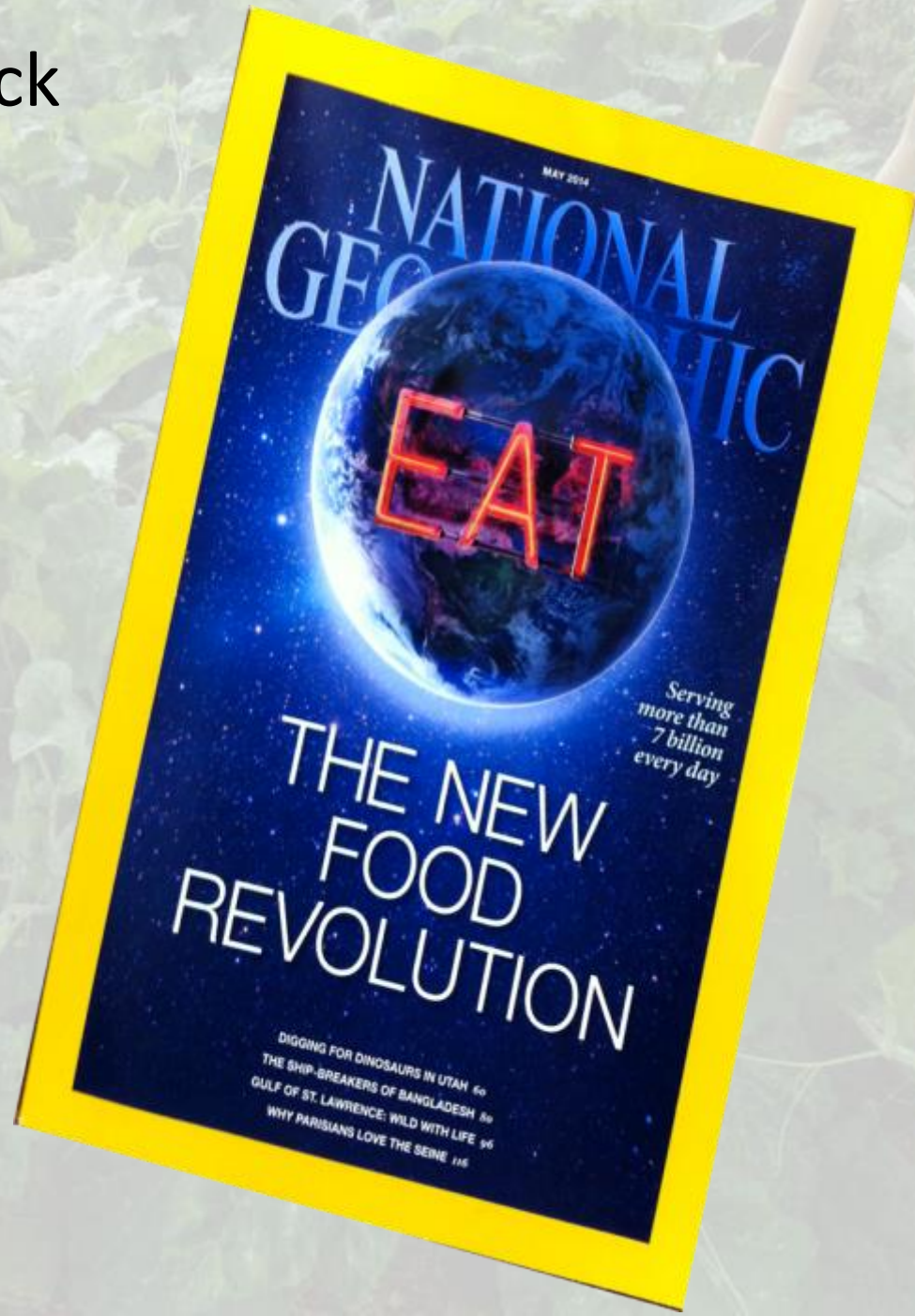
POMEGRANATES

Cloud
Fleischmans
Granada
Wonderful

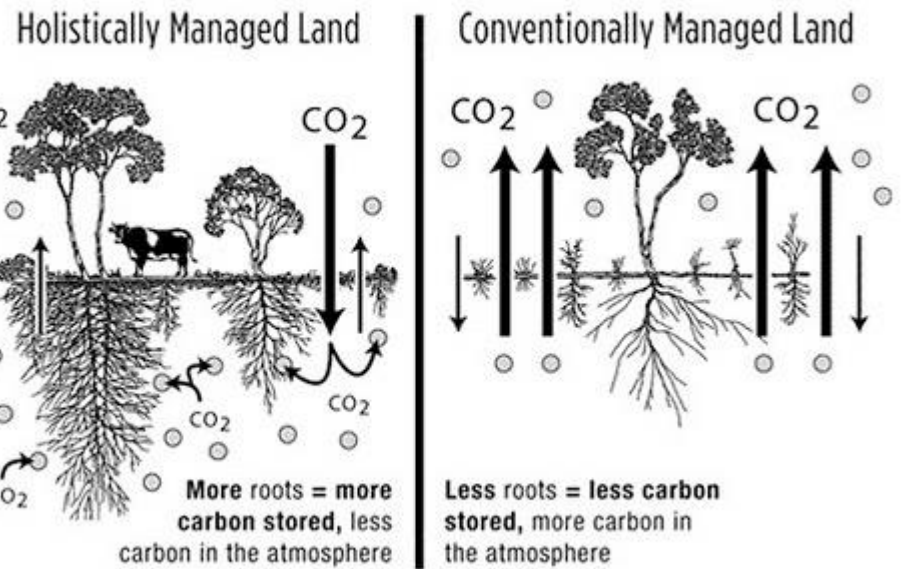
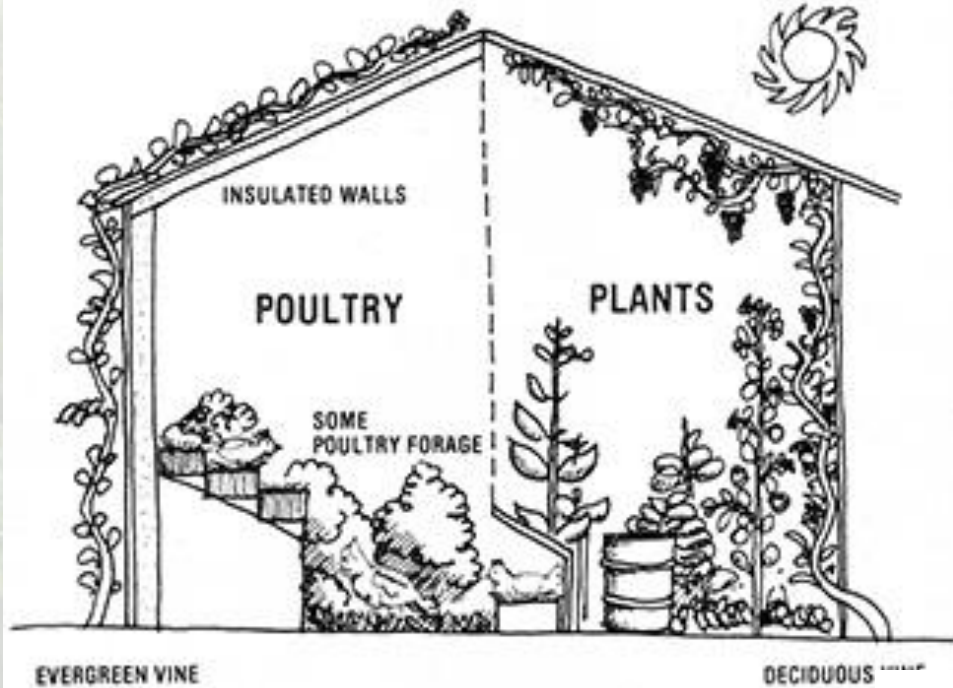
STRAWBERRIES

Chandler
Douglas
Seascape
Sequoia

- Farming of both Livestock and crops is the largest human endeavor on Earth, using more than 38% of ice-free land.
- Our next largest impact: erosion caused by agriculture, building, logging, and mining.



CHICKEN-HEATED GREENHOUSE



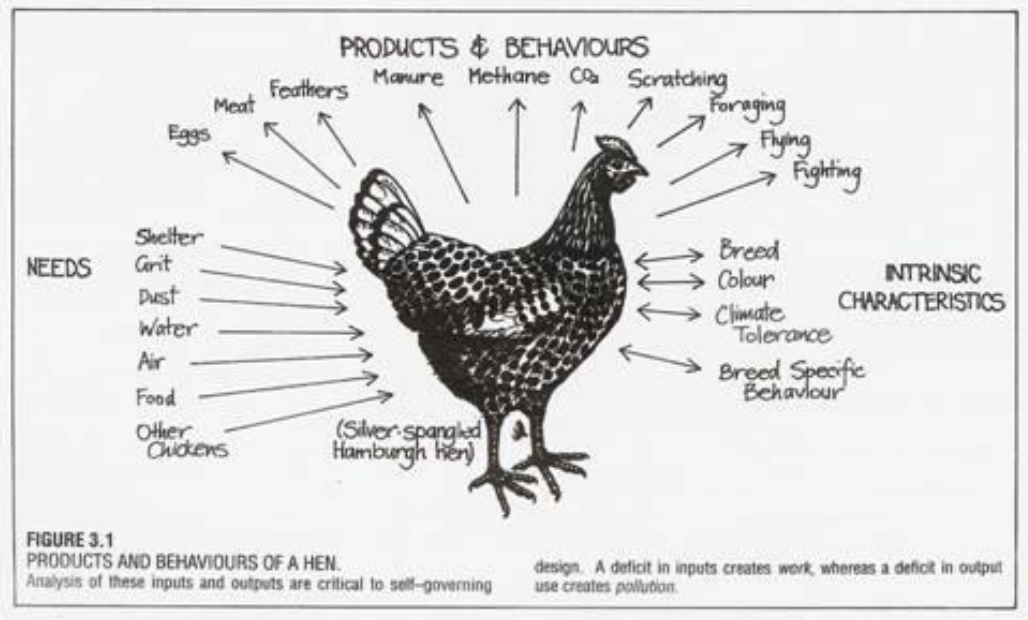
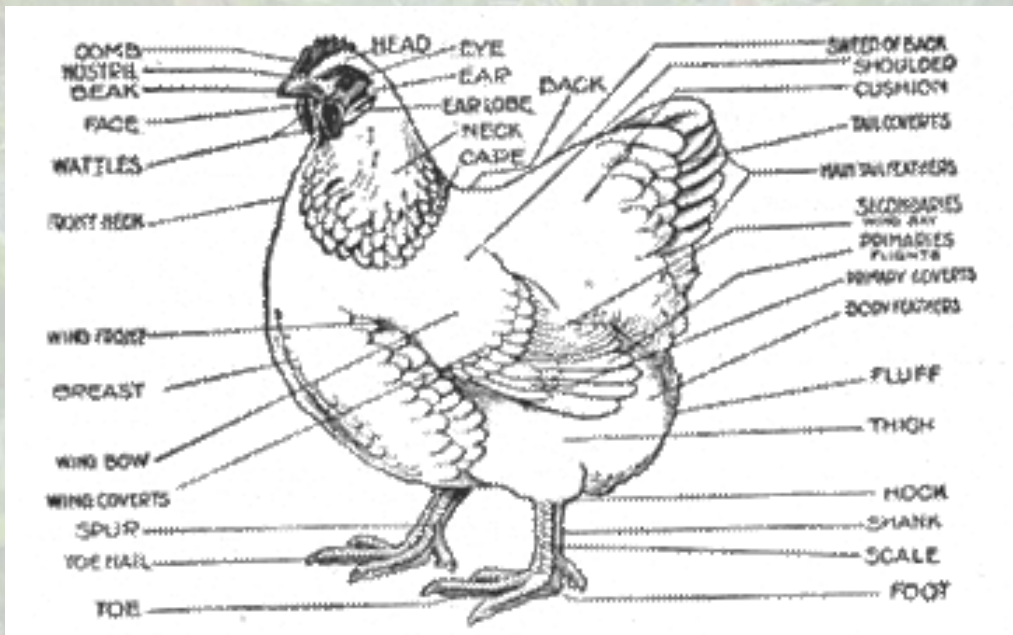
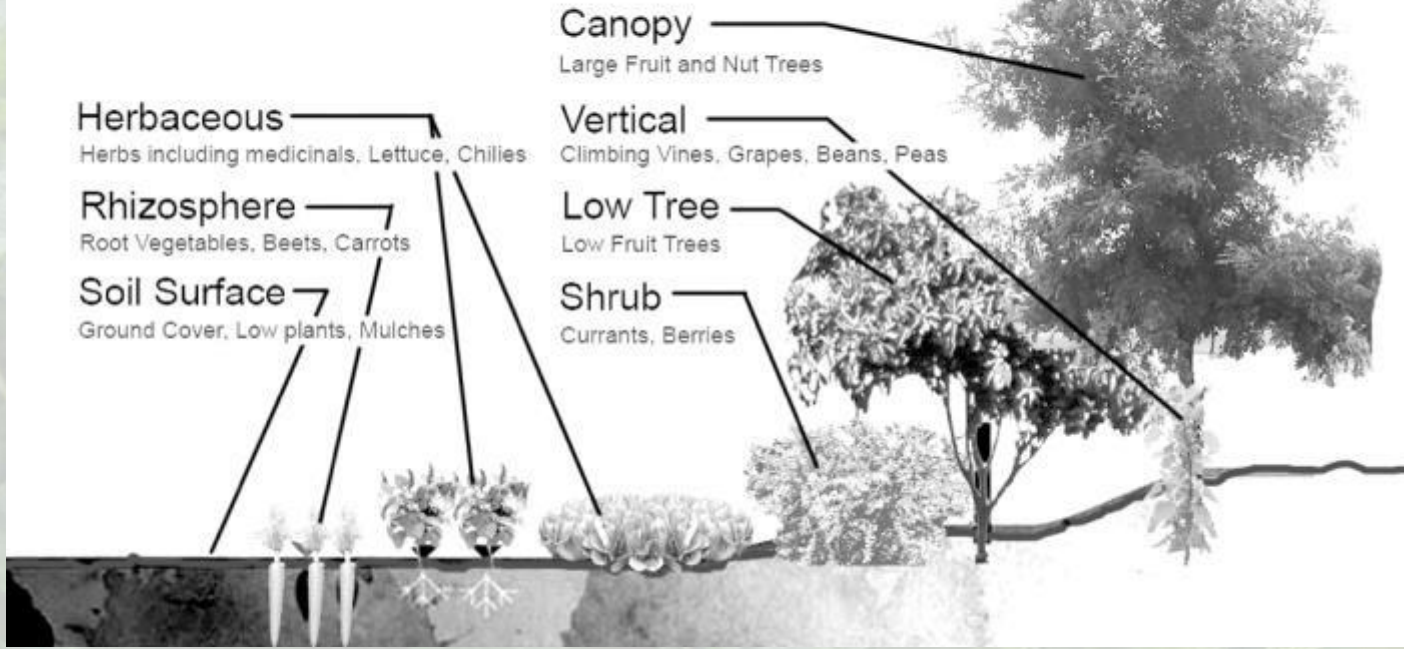


FIGURE 3.1
PRODUCTS AND BEHAVIOURS OF A HEN.
 Analysis of these inputs and outputs are critical to self-governing

design. A deficit in inputs creates work, whereas a deficit in output use creates pollution.

FOOD FOREST LAYERS



Pomegranate Pecan Kids Laquat Chickens Food Abundance East Side Thrives Community Center Families Rainwater Harvesting Laquat Peas Smart Building Vegetables Food Forest Potatoes Peach



Community Strengthening Vegetables Permaculture Educational Resource Brussel Sprouts Raspberries Herbs Medicinals Social Gathering Place Family Values Strawberries Tomatoes Fresh Eggs! Squash Good Health

Community Gardens Honeydew Xenoscape Nutrient Cycling

Watermelon Cantaloupe Pecan Grapes Beans Composting

System Balance

Photograph of
an existing
food forest in
Leander





- Community Spiral



The Community Spiral:

The spiral is a central organizing metaphor for our community; our message of free, local, healthy food, spiraling outward to embrace our whole community. Spread outward to touch our neighbors. Ever-spiraling outward to spark new initiatives of food security and strengthening community bonds. The spiral will take on many forms from archways and gateways to seat walls and patterns on the ground. Different sections will have different characters as differing ideas or groups dedicate themselves and their stories to the spiral sections.

Rainwater Harvesting:

Four cisterns are located around the spiral for storing rainwater. When the RBJ redevelopment occurs, it is our sincere hope that this project will benefit from rainwater capture from RBJ roof surfaces. The spiral in this section will have a continuous aquaduct that will fill all four cisterns in the rainy season to be used for irrigation throughout the year.

The Community Garden Shed:

Our community envisions a multi-purposed structure that will be located on the boundary between the existing Festival Beach Community Garden and the Food Forest. The building will be symbolic in that we are reaching out to the community garden with a new facility for our shared use. We share our resources; we share our water.

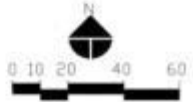
We are neighbors, brothers and sisters in celebrating the bounty of the earth.

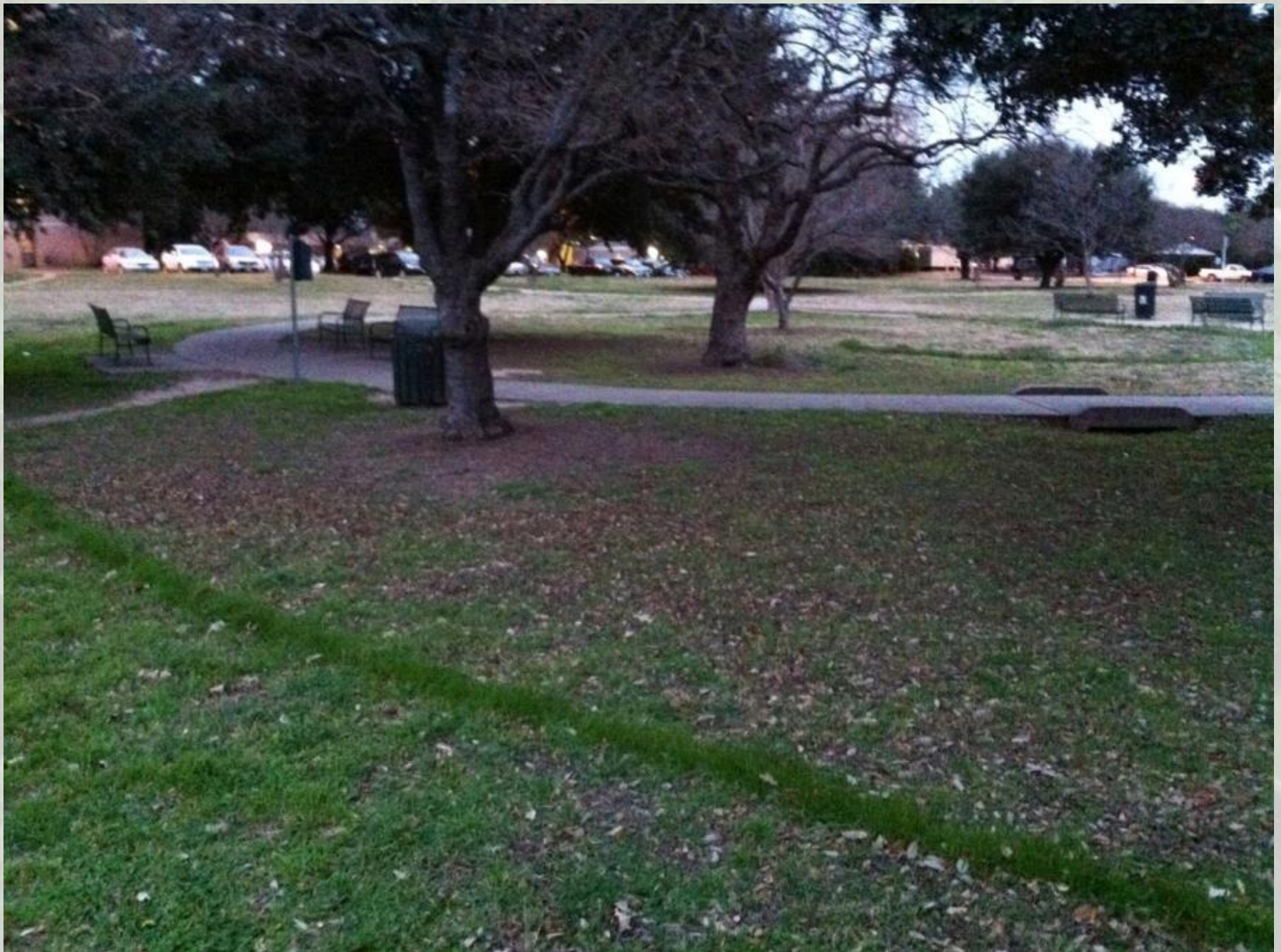
Light & Shade:

A variety of micro-climates are necessary including varying amounts of sunlight that reaches into a garden. The 1st phase will be planted with many trees and being young trees, there will be plenty of light allowing for sun-loving plants to thrive. As time passes and trees grow providing more shade, the sun-loving plants will migrate or transplant to later phases toward the RBJ redevelopment.



Plant Guilds:
Each location around the food forest will have specific plant guilds. Guilds are groupings of plants and other components that have a symbiotic relationship which in turn builds a larger whole community or micro ecosystem all working together for optimum performance. Plants with soils, microbes, insects, birds and other wildlife contribute to a whole system producing food or supporting food production.







“I am grateful for all of the rain our gardens and trees have been blessed with.”



- Food Forest and Culture





On Existing Land

Consumers ARE Producers

Dynamic & Diverse

Horticultural
Renewable



Farm Unit



One Method:
Neighborhood Farms

www.urbanpatchwork.org







www.urbanpatchwork.org

vistaplanning@sbcglobal.net