

Swiss Army Landscaping:

Multi-use plants for connecting people
with outdoor spaces

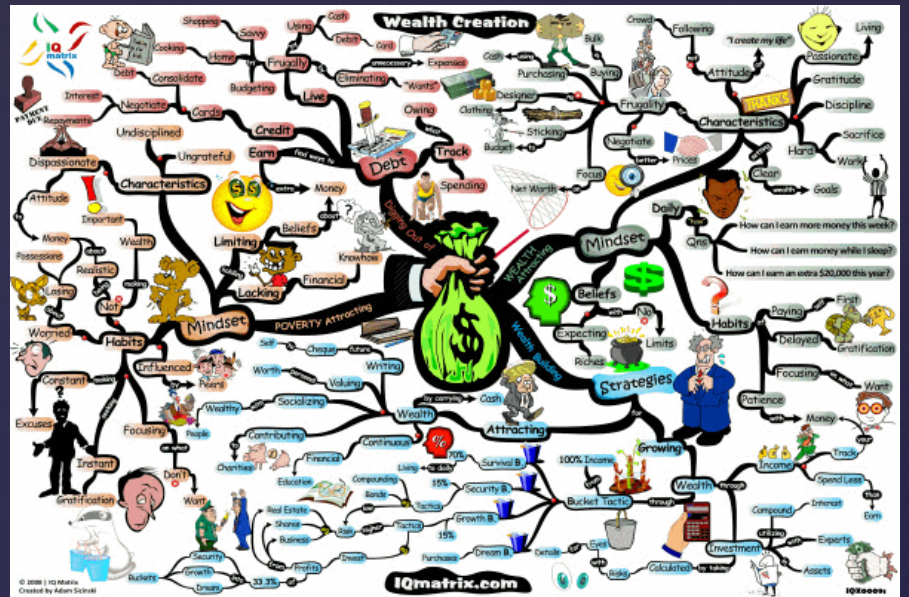


Brown Bag Lecture Series

Graham Herbst

Nebraska Forest Service

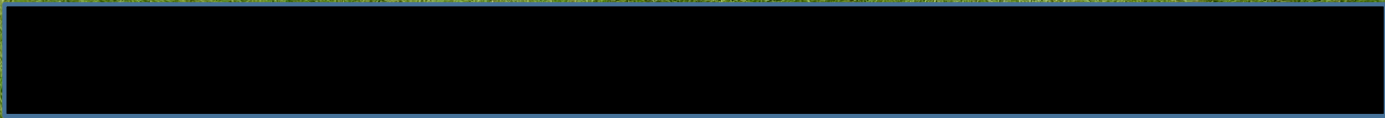


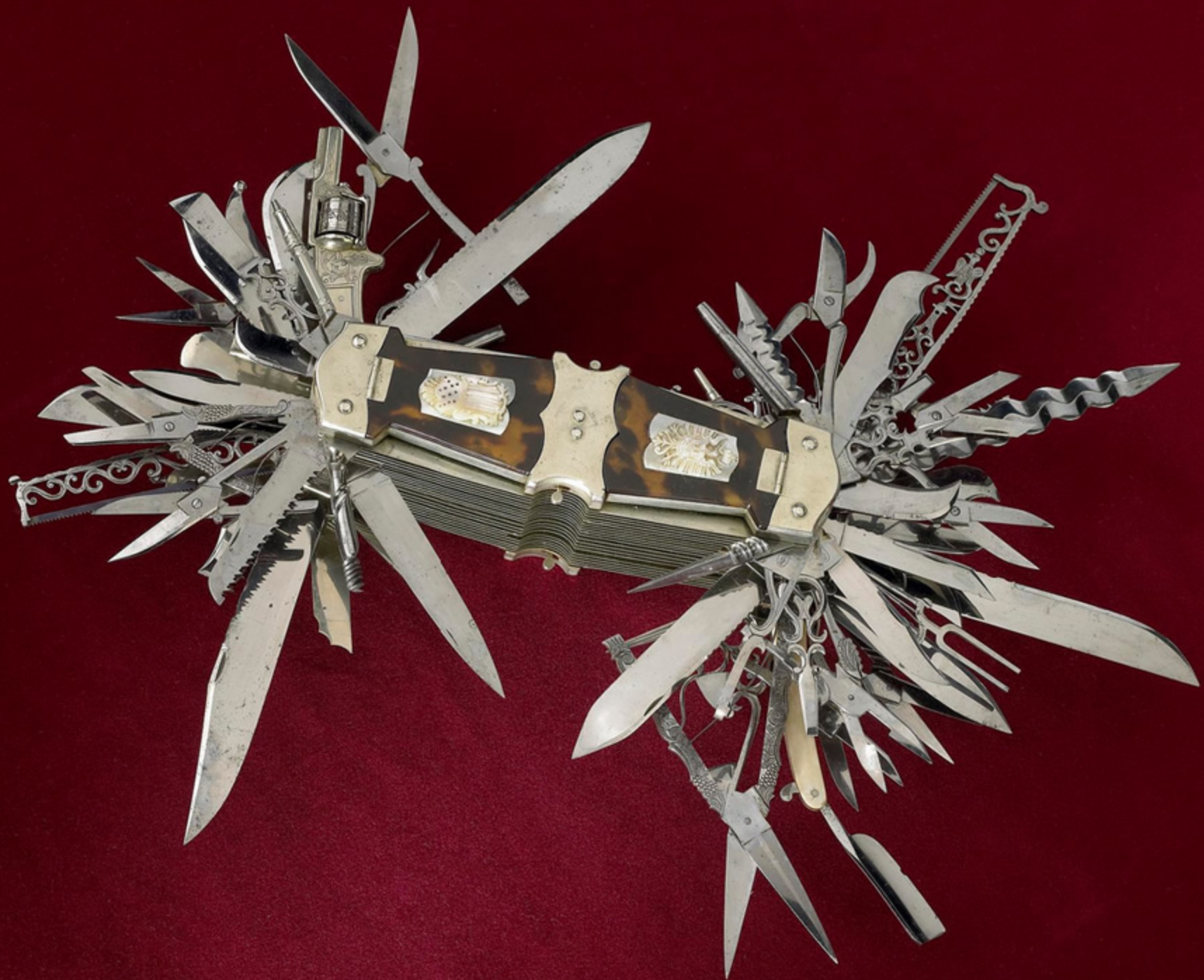






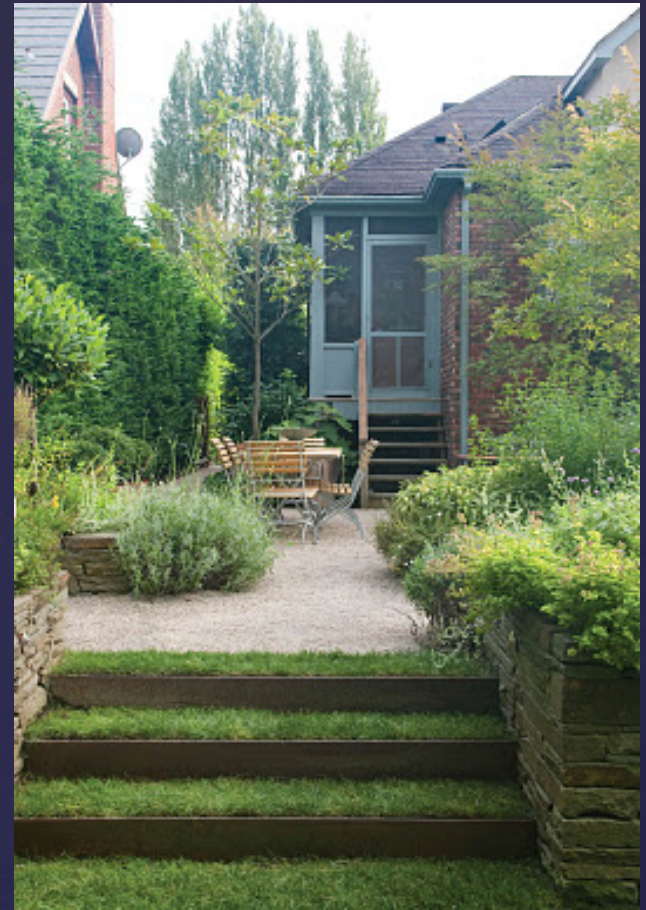
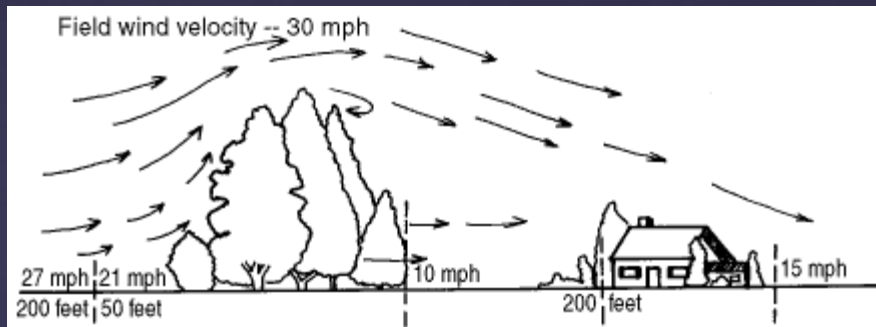
WTF?



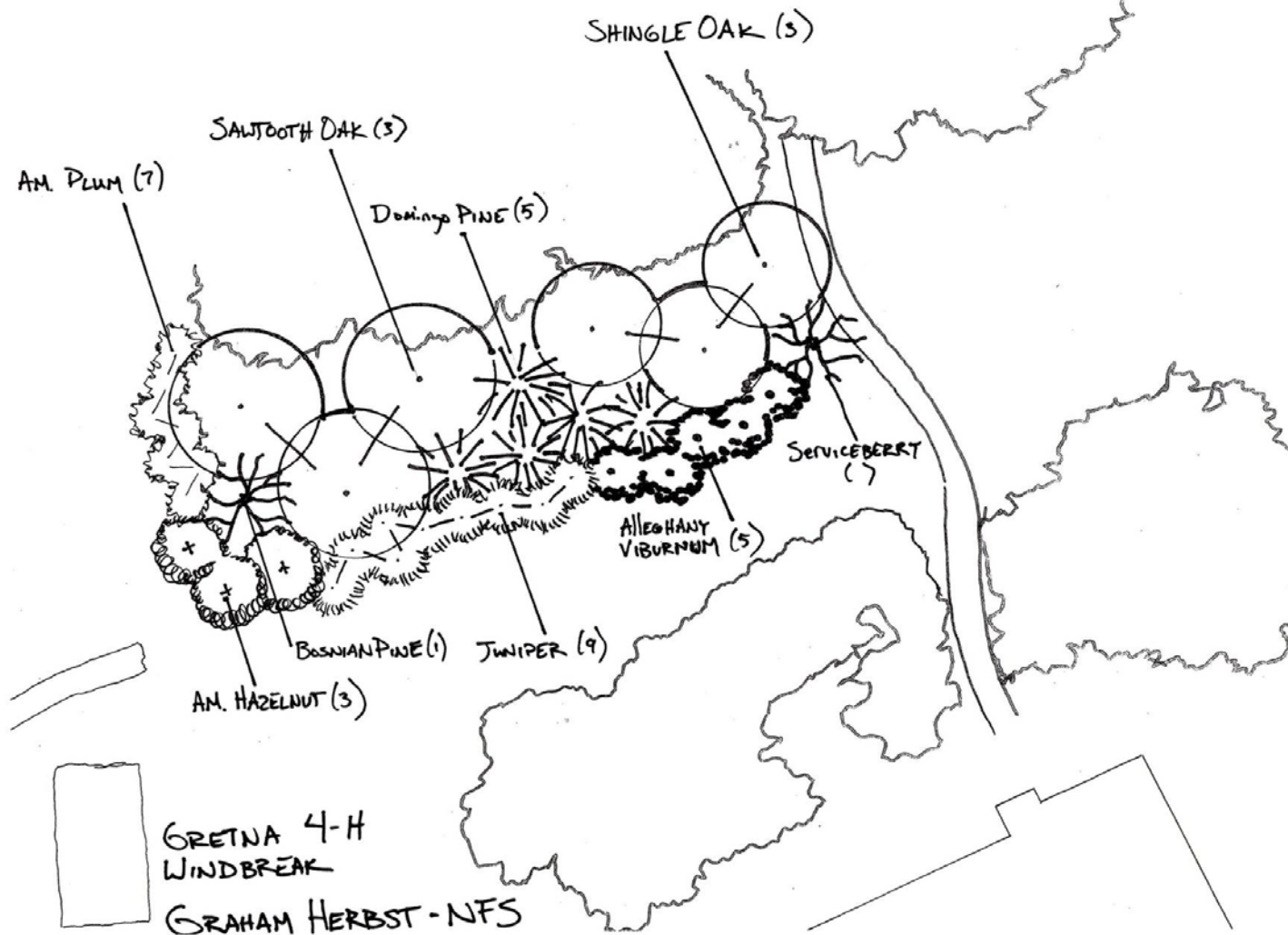








Under-utilized Plants for Windbreaks



Bosnian pine



Mugo pine



Domingo pine
Eastern white x Mexican white



Other conifers



Shingle oak



Sawtooth oak

American hornbeam



Marcescence is the retention of dead plant organs that normally are shed.



(Semi-) Evergreen
viburnums



American plum





Leadplant, Amorpha canescens

Makes a delicious “prairie tea”



One Tbs. dried leaves per cup of water; bring to boil and simmer for at least 4 minutes.







Ocopa



Huacatay, Tagetes minuta



Lemon Verbena, Aloysia citradora



Mountain mint – *Picnanthemum tenuifolium*



Good companion plant for tomatoes and strawberries
Deep tap roots break up compacted soils
Flowers and young leaves edible, cucumber-like flavor

Borage, *Borago officinalis*



Tulsi, Ocimum tenuiflorum

MOSQUITO CONTROL

by Rob Sproule

salisbury
GREENHOUSE



Recommended container size: 70 cm across

- A** Citronella geranium
- B** Marigold 'Lemon Gem'
- C** Lemon grass
- D** Catnip
- E** Ageratum 'Artist Purple'
- F** Lemon thyme

Goldenrod
'Witchita
mountains'



Canna lily



Wild senna



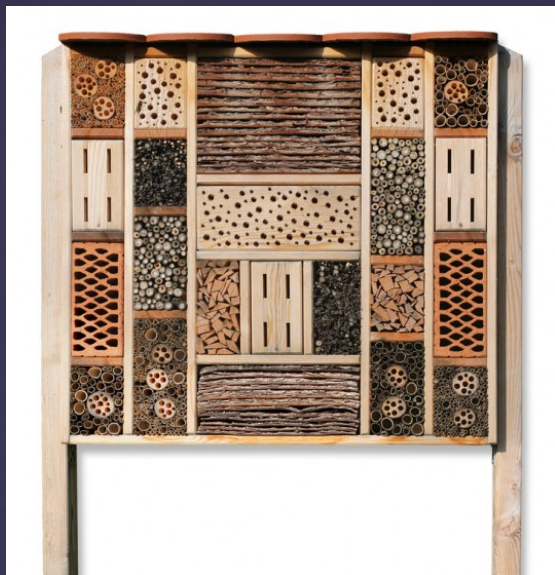
Heliopsis



Mexican Hat



Pollinators







Sevenson Flower, Heptacodium miconoides



Akebia quinata, Chocolate vine



Saskatoon Serviceberry

Amelanchier canadensis





The fruit was highly valued, fresh or cooked as a sauce.

They were also dried for winter use; mixed with dried buffalo meat and fat to make pemmican.

The fruit is delicious eaten fresh, used in pies, jams, muffins, chunky topping or wine.

“Juneberries are the berry for the Northwest. No farmer ought to fail to plant a patch. I have just distributed, free, wagon-loads of plants from my early plantings, which were among my plums and in the way.”

Jules Sandoz, 1903 report to the
Nebraska State Horticultural Society



- Frozen Juneberries



- Juneberry-Rhubarb Pie....Yummy!!



Persimmon, *Diospyros virginiana*

Persimmon leaves can be used to make teas.

Diospyros translated means "divine fruit"

It can be grown as a specimen or in groups for naturalizing.

Upon ripening fruit becomes sweet and may be eaten off the tree. Fruits are commonly used in syrups, jellies, ice creams or pies. Ripe fruits are too soft for shipping/sale..

The wood is extremely hard and has been used to make golf club heads, billiard cues and shoe lasts.





- Diospyros means “fruit of the Gods.” Reportedly the sweetest fruit next to the date palm! Loaded with vitamins A, B, C.
- Avoid biting into one before its time—they have big time pucker power!
- Delicious baked





Delicious baked into a bread pudding, cookies,
smoothies, ice cream and flan!!



Northern Pecan
Carya illinoensis



Ceril Bish Pecan Orchard – UNL East Campus

Northern pecans are hardy and have been thriving in landscapes in southeastern NE for decades.

Nutmeat is of superior quality and NE nut growers research has identified the best cultivars for Nebraska.

The husks of pecans can be used for smoking wood for meat.

Some products are made from pecan and it is a very pretty wood for building material.







Shellbark Hickory *Carya laciniosa*

Nebraska only has 2 native Hickory species—bitternut and shagbark.

Eastern species such as shellbark and mockernut hickory are doing well in Lincoln and other areas of SE Nebraska.

Hickories host many beautiful moths and butterflies.

Obviously noted for the tough nuts that are important food source for mammals.

Carya laciniata

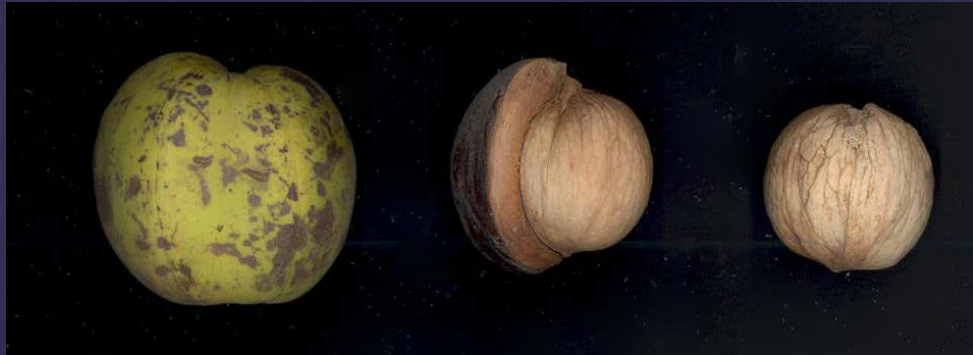






The nutmeat is of premium quality and delicious in baked goods.

The husks of hickories can be used as smoking wood for meat.



Some products are made from hickory and it is a very pretty wood for building material.

Hickory is perfect for open cooking fires - every time! It's the choice of most restaurants for consistent quality smoky flavor.





Clove Currant *Ribes odoratum*



Excellent shrub for edible landscapes
with good spring flowers, summer fruit
and red fall color.

Dormant branches are easy to force in
spring as a woody ornamental.

The spicy, fragrant flowers are a good
early season pollinator plant.

The black currants arrive in summer and
make a delicious pie, jam or wine.





Hazels and Filberts



Aronia



Paw paw

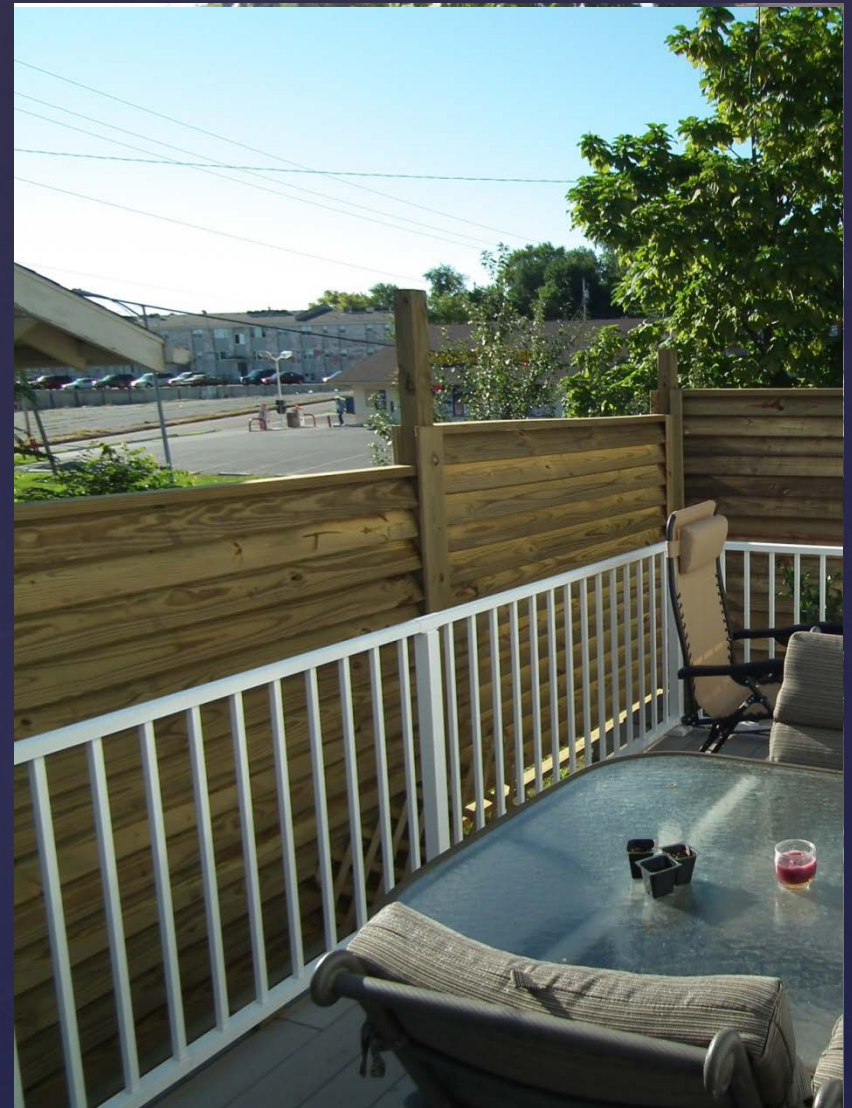
Asimina triloba



<http://www.pawpaw.kysu.edu/pawpaw/recipes.htm>

Steamboat Trace Trail
24" circumference
35' tall
15' average spread





Apple tree espalier



Purple Plants



Castor Bean



Amaranth





Squash/pumpkins







Melon forms



Fresh cut flowers



Cold frames



Dead things



BUILDING RAISED BEDS

Sun throughout the course of the day

Hugelkultur

Humus layer

Turf (with the grass
face down)

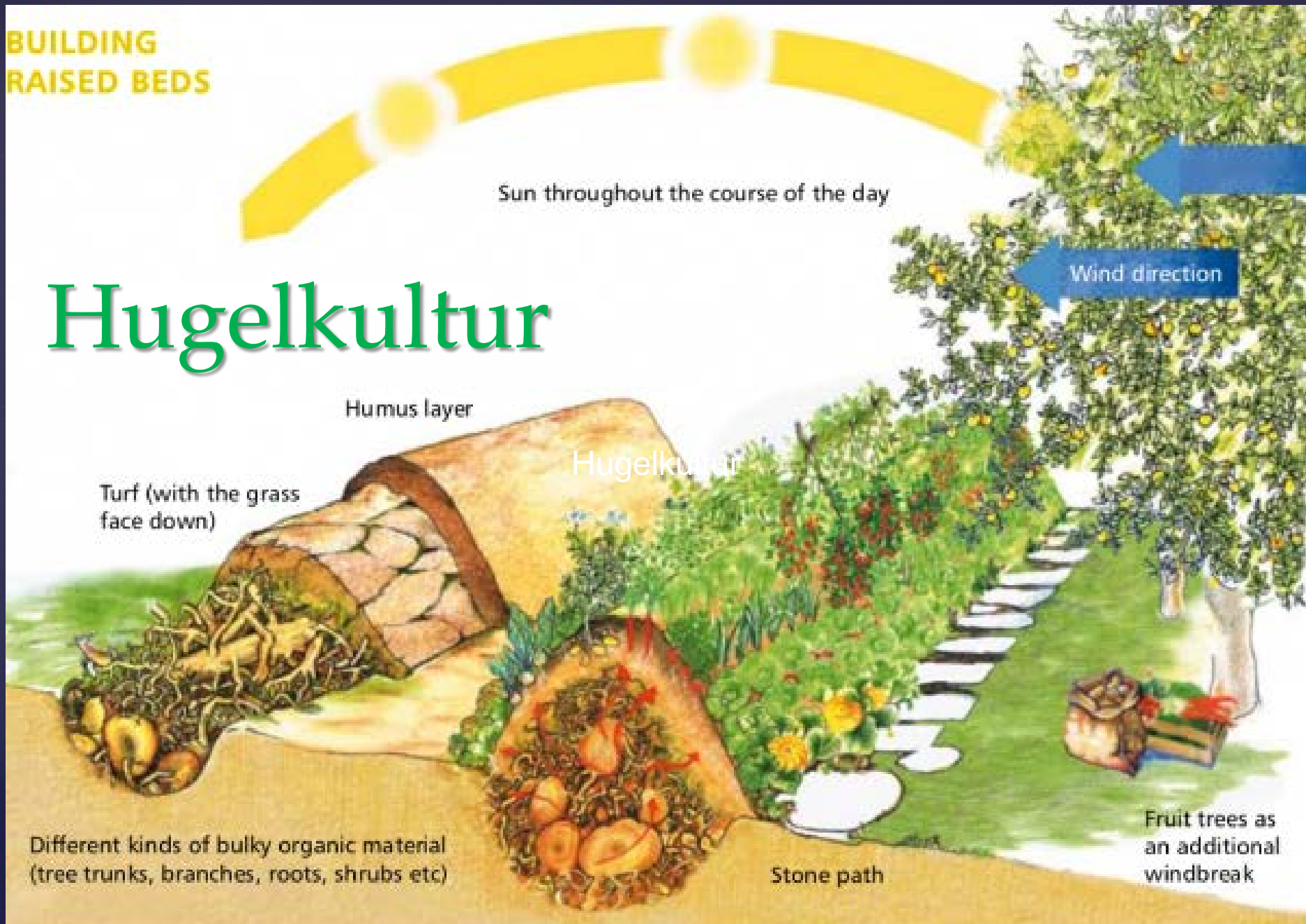
Hugelkultur

Wind direction

Different kinds of bulky organic material
(tree trunks, branches, roots, shrubs etc)

Stone path

Fruit trees as
an additional
windbreak









Grass clippings









Moon Gardens





Thank You!



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