Planting Home Habitat
for
Our Bees
AND OTHER POLLINATORS
Why Are Honeybees so Important?

Home Gardening and Agriculture

Global Economic Value

Ecosystem
Bee Informed Survey

Honeybee’s Purpose in Our World

Dinner Time

What Might Surprise You

Food Supply
Why’s of Honeybee Decline

Pesticides
Climate Change
Disease
Loss of Genetic Diversity
Loss of Habitat
Pesticide Use

Well Manicured Lawn and Gardens
Purchased Plants
Blooming Time
Time of Day
Specific Targets
Climate Change

Out of My Control

Conservation

Plants Shift Schedule

Your Micro Climate
Disease

Varroa and Other Pests

Pathogens & Viruses

Pesticides
Loss of Genetic Diversity

Food & Crops
Sue Coby Research
Source Different Types
Let em’ Swarm
Loss of Habitat

Rural Areas become Urban

Wild Areas to Farmed Crops or Business Space

Aesthetics

Climate
So How Can We Do?

- Pesticides
- Climate Change
- Disease
- Loss of Genetic Diversity
- Loss of Habitat
Think of Where We May Create Habitat

- Small Gardens
- Containers
- Companion Gardening
- Small Green Areas
- Leave it Wild
Things to Think About Before Selecting Plants

Time Factor

Growing Season

Bee On Time

Be a Groupie
Go Native

- Fertilizers
- Pesticides
- Water
- Less Invasive
- Provides
- Local Diversity

Native

- Honey Bee 50%
- Bumble Bee 76%

Exotic

- Honey Bee 7%
- Bumble Bee 8%
Like Where?

- Space
- Light
- Soil Types
- Existing
- Local Climate
Mix it Up

Not Picky Eaters

Plant Diversity

Overlapping
Some Interesting Things to Consider

- Plant Breeding
- Part Time Producers
- Save Yourself Some Time & Money
- Deadheader
What Makes a Good Pollinator Plant?

Bee Attractive

Fragrance

Timing

Reward

Shape
Drought Tolerant Plants

Perennials
Asters
Bee Balm
Blanket Flower
Butterfly Weed
Catmint
Coneflower
Goldenrod

Out of The Way
Joe Pye Weed
Lantana
Penstemon
Black Eyed Susan
Sedums
Sedums
Yarrow

Water Source

Little Care
Multi Purpose Plants - Herbs and....

Bees love Herb Blooms, We Love Herbs!

Medicinal Value?

Grow, Use, Flower

Drought Tolerant

Other Multi Purpose plants....?

Borage
Chives
Cilantro
Lavender
Mints
Oregano
Rosemary
Sage
Thyme...

...many more
Borders for Bees

Design

Anything Goes

Spend Time

Living Areas

Enjoy!
Plant these for the bees:

- Annuals:
  - Asters
  - Calliphris
  - Clover
  - Marigolds
  - Poppies
  - Sunflowers
  - Zinnias

- Perennials:
  - Buttercups
  - Clematis
  - Cosmos
  - Crocuses
  - Dahlias
  - Echinacea
  - English Ivy
  - Foxglove
  - Geraniums
  - Globe Thistle
  - Hollyhocks
  - Hyacinth
  - Rock Cress
  - Roses
  - Sedum
  - Snowdrops
  - Squills
  - Foxglove
  - Yellow Rysso

- Fruits and Veggies:
  - Blackberries
  - Cantaloupe
  - Cucumbers
  - Gourds
  - Fruit Trees
  - Peppers
  - Pumpkins
  - Raspberries
  - Squash
  - Strawberries
  - Watermelons
  - Wild Garlic

- Shrubs:
  - Blueberry
  - Butterfly Bush
  - Button Bush
  - Honeysuckle
  - Indigo
  - Privet

- Trees:
  - Alder
  - Amen Holly
  - Basswood
  - Black Currant
  - Black Locust
  - Buckeyes
  - Catalpa
  - East Redbud
  - Hawthorns
  - Hazels
  - Linden
  - Magnolia
  - Maples
  - Mountain Ash
  - Poplar
  - Sycamore
  - Willows

- Herbs:
  - Bee Balm
  - Borage
  - Catnip
  - Cilantro
  - Fennel
  - Lavender
  - Mint
  - Rosemary
  - Sage
  - Thyme

TOP FLOWERS FOR BEES
- Cosmos
- Hebe
- Aster
- Borage
- Sunflowers
- Echinacea
- Calendulas or marigolds
- Mignonette
- Primula
- Thrift or Sea Pink
- Redbecks
- Sedums
- Scabious or cornflowers
- Sweet Williams
- Lavender
- Monards
- Bluebells
- Cornflower
- Helichores
- Verbena Bonariensis
- CROCUS
- Snapdragons
- MINT
- Rosemary
- Echinops
- Thyme
- Digitalis

Flowers That Don’t Attract Bees
1. Foxglove
2. Datura
3. Rose
4. Penstemon
5. Chrysanthemum
6. Strawflower
7. Geranium
8. Red Dianthus
9. Feverfew
10. Marigold
Trees!

Low Maintenance

Millions

Provider

Air Quality

Climate Change

Asian Pear

Cherry
Tree Variety

- Alders
- Maples
- Redbud
- Hazels
- Tulip Poplar
- Fruit Trees
- Willows
- Linden

Propolis Use

Linden

Maple Sap

Willow
See the Bees for the Forests

So What’s Your Story

On Properties at Forest or Woods edges - understory plants

Managed Forests
Just Add Water

Shallow, Island, Fresh
More Requirements Than Food

Provide for Bees

Many yards lack suitable places for bees to nest. Consider leaving a few bare patches of earth in the garden for mining bees, or leaving a few dead tree branches for solitary bee species. Accessible mud helps mason bees build their homes. You can also try building your own bee house… or become a honeybee beekeeper!
Do Something Simple - Every one of us can do this!

Help: Include bee-friendly plants in our gardens.

Not only will these plants feed bees, they'll help support birds, butterflies and beneficial insects, too.
Resource Information

The Xerces Society website  https://xerces.org
100 Plants to Feed the Bees  By The Xerces Society

Pollinator Partnership™  www.pollinator.org
Pacific Lowlands Mixed Forest Plant Guide
Cascade Mixed Forest Plant Guide

North American Pollinator Protection Campaign (NAPPC)  www.nappc.org

Buzz About Bees  Cool! Information & ideas for planting
www.buzzaboutbees.net

The Natural Resources Defense Council (NRDC)
https://www.nrdc.org/stories/buzz-about-colony-collapse-disorder

Bee Informed Partnership  https://beeinformed.org

Oregon Forest Research Institute  https://www.oregonforests.org/node/533