



Glendale's Habitat Garden Education Program

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Glendale Water Services

Reliability • Quality • Value

Since 1915



Glendale Habitat Garden 1996

Glendale Xeriscape Demonstration Garden



Sonoran Desert: the importance of place

One of the most ecologically diverse deserts in the world!

Dramatic changes in the desert landscape in Central Arizona

- Farms and cities replacing open desert
- Interrupted wildlife corridors and habitat loss

Emerging trends in urban gardening that align with gardening for wildlife

- Use of native plants
- Sustainable landscape practices

Department of Arizona Game & Fish Heritage Fund Grant

- 3 year grant from 2013-2016 with required city match
- Interpretive signage, design & print habitat garden “how-to” booklet



Heritage Fund



Before





After



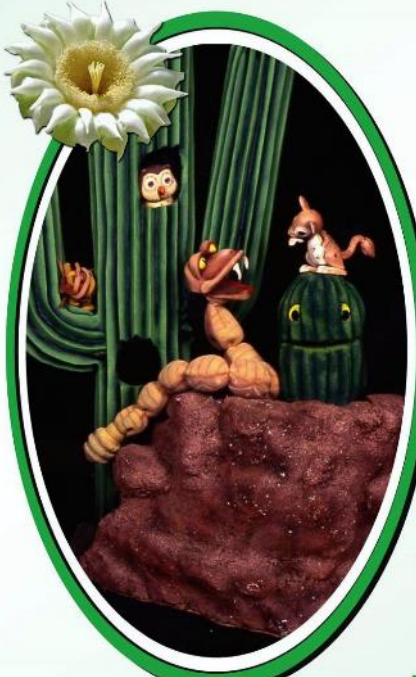
Glendale Garden Gathering



Hotel Saguaro Puppet Shows

Hotel Saguaro

FREE PUPPET SHOW



*Environmental
Education
Award Winner*



Foothills Library
June 15th - 2pm to 3pm

Main Library
July 29th - 3pm to 4pm

Questions:
623-930-3550 or
astahley@glendaleaz.com

Sammy is a young saguaro and doesn't know if he wants to be a cactus. His Grandpa teaches him how important the saguaro is to the desert.

Entertaining and informative post-show discussion included.



First-come, First-served
Recommended for K-3rd grade,
families and tourists.
Not for preschool groups.

Sponsored by the Glendale Conservation and Sustainable Living Office through the Arizona Game and Fish Department and the Arizona Wildlife Conservation Fund



Interpretive Signage — triangular kiosk

Landscape practices plants & wildlife love

- **Avoid pesticides and herbicides.** They harm wildlife and the environment.
- **Go native.** Local native plants attract wildlife and need less water and upkeep.
- **Limit pruning.** Over-pruning stresses plants. Wildlife love and depend on the habitat (food, shelter, and nesting sites) that plants provide.
- **Watch wildlife interact with plants.** Let your observations of nature guide your landscape practices.

Water plants in the morning to limit evaporation.

Plant trees to provide shade for wildlife, plants, and people.

Create basins to collect rainwater for wildlife and plants.

Let leaves fall and accumulate on the ground. Leaves enhance soil nutrients and moisture.

Allow plants to flower and set seeds for wildlife.

Heritage Fund Funded by the Arizona Game and Fish Department Heritage Fund For more information, visit www.glenclaeaz.com/waterconservation GLENCLAE

Create a backyard habitat

- **Choose native plants.** Desert wildlife thrives on native plants.
- **Grow plants naturally.** Over-pruning limits food and shelter options.
- **Provide nesting materials.** Small twigs and leaves produce good mulch.
- **Create a water source.** Wildlife needs water for drinking, bathing, and staying cool.

Dense canopies encourage tree nesters.

Plants of varying heights attract more birds.

Birds forage for food sources among the fallen leaves.

Seeds and fruits are food sources for wildlife.

Native plants attract native wildlife.

Capture rainwater for wildlife and plants.

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Pollinators are a Gardener's best friend

- **Birds, bees, bats, and butterflies** are vital pollinators. Without these garden friends, we couldn't enjoy flowers, fruits or vegetables. Pollinators are attracted to the flowers of native plants.

Hummingbirds love trumpet-shaped flowers: penstemon, chuparosa, desert willow, and ocotillo.

Pollinators transport pollen between different flowers that develop into fruits and seeds.

Butterflies visit flowers with a wide landing area: desert milkweed, fairy duster, desert marigold, and brittlebush.

Finches, doves, and quail eat seeds.

Choose plants with different blooming seasons, flower color, shape and size.

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Create a backyard habitat

- Choose native plants. Native wildlife thrives on native plants.
- Grow plants naturally. Over-pruning limits food and shelter options.
- Provide nesting materials. Small logs and trees provide great nooks.
- Create a water source. To help birds stay for drinking, bathing, and drinking cool.

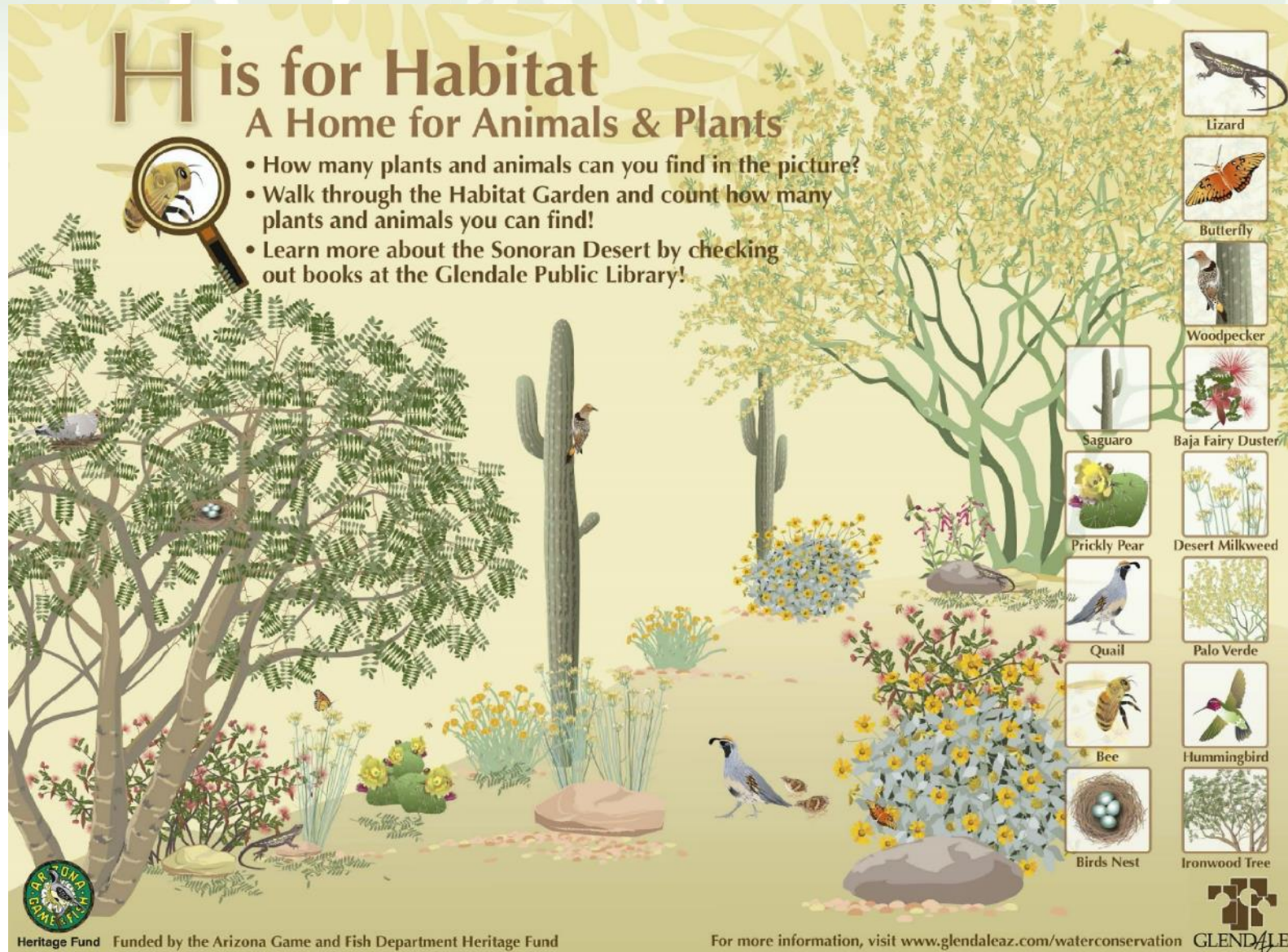


Native plants attract
native wildlife.

Native plants attract
native wildlife.

Native plants attract
native wildlife.

Interpretive Signage — kid's sign






Habitat Garden Booklet



- Practical habitat garden “how-to” guide for Sonoran Desert dwellers
- Defines a habitat
- Stresses importance of pollinators
- Encourages sustainable landscape practices
- Provides a variety of native plants that wildlife love

Sharing Your Story



A decorative border at the top of the slide featuring a repeating pattern of stylized white leaves on a light green background.

*If you build it (a habitat garden),
they (wildlife) will come...*













What's Next?



Glendale Desert Food Forest Demonstration

- Arizona Department of Forestry and Fire Management
- 1 year Community Challenge Grant with required city match
- Landscape renovation and interpretive signage
- Partnering with *Trees Matter* and *Maricopa County Master Gardeners* on edible programming and landscape design



What is a Food Forest?

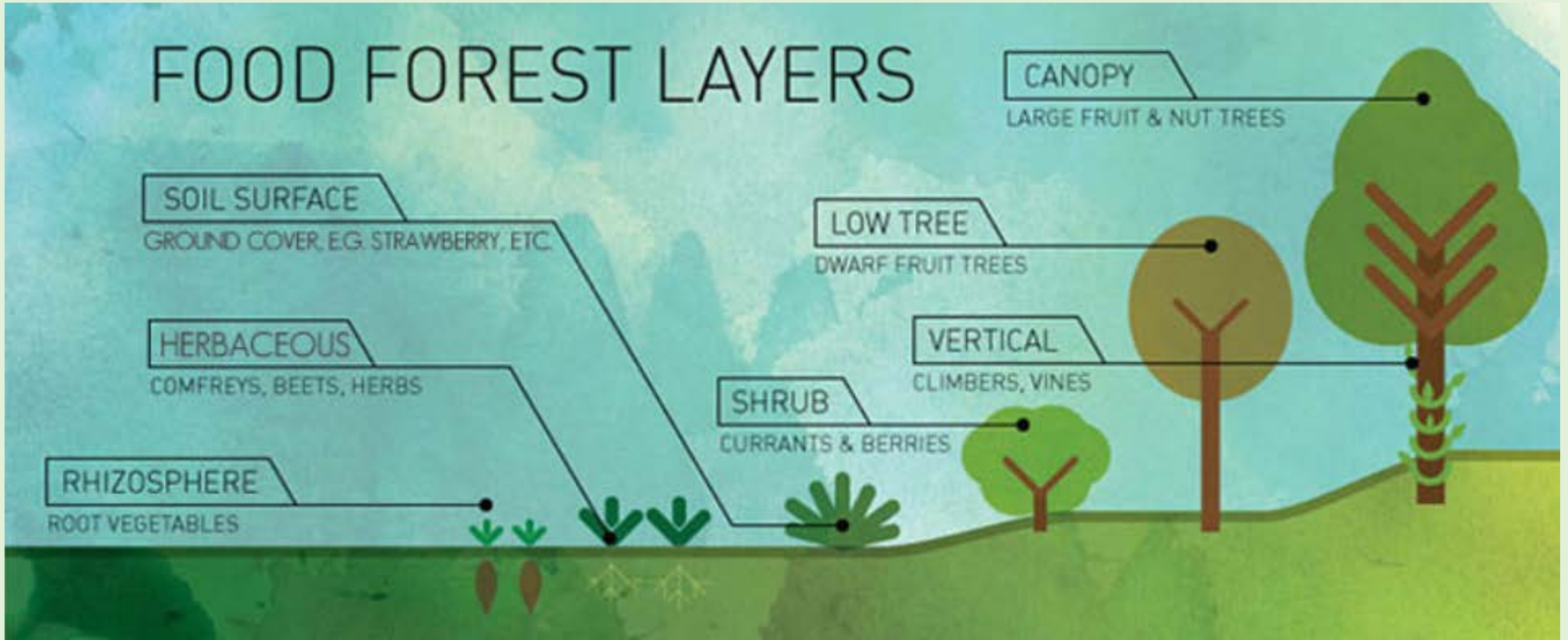


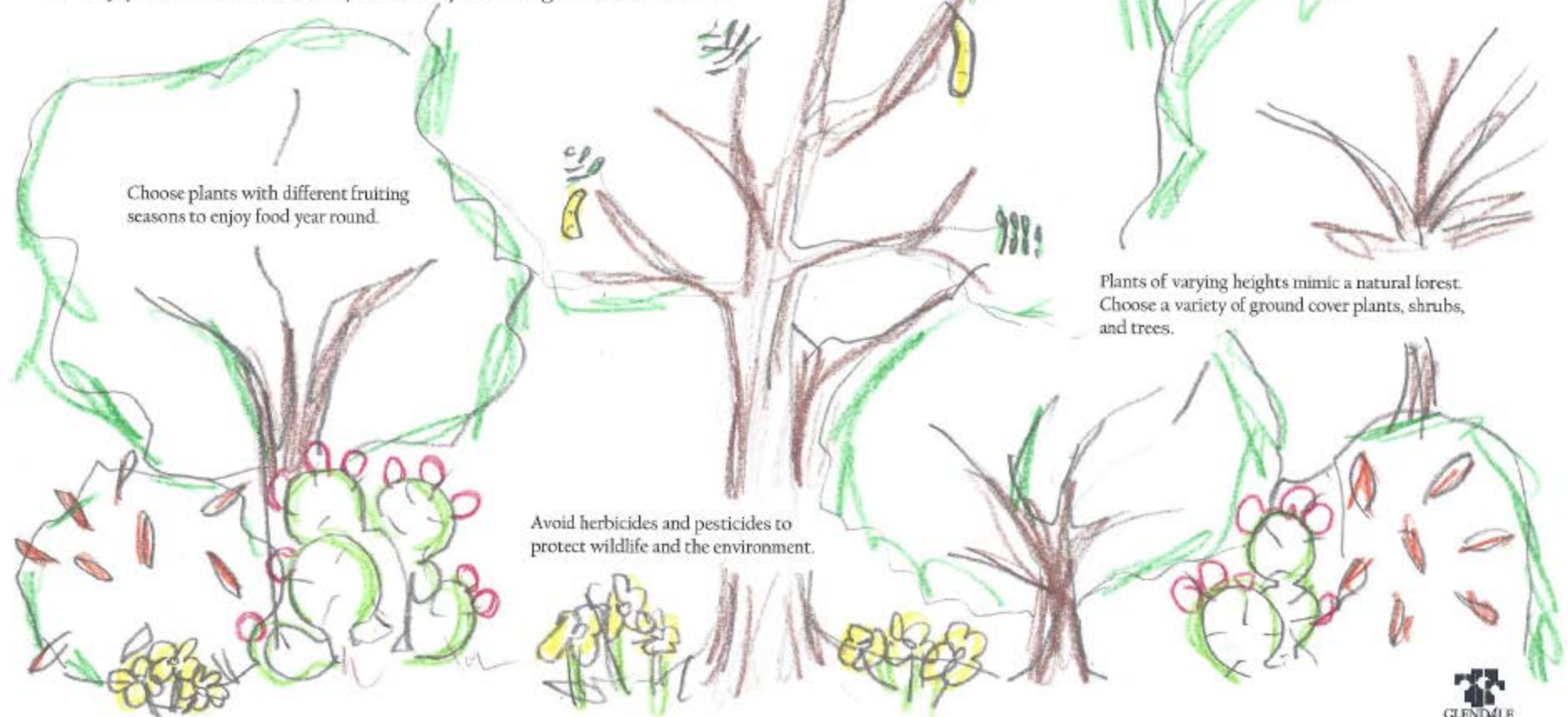
Image from Washington's Beacon Food Forest [website](#)

Eat Your Yard!

The Desert Can Feed You.

Growing an edible food forest provides multiple benefits.

- Desert adapted plants don't require fertilizer and require less water.
- Tree canopies provide shelter and cool shade.
- Enjoy the harvest and share your bounty with neighbors and wildlife.



Choose plants with different fruiting seasons to enjoy food year round.

Plants of varying heights mimic a natural forest. Choose a variety of ground cover plants, shrubs, and trees.

Avoid herbicides and pesticides to protect wildlife and the environment.

Thank You!

Questions?

A special thanks to our community partners whose expertise made this program possible.



Heritage Fund



jorolfe
DESIGN



Association of
Professional
Landscape
Designers
Arizona Chapter

