

Module 10: Garden Ecology

**Urban EcoLab** 

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#### Common Butterflies in the Garden

Center for Urban Resilience

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# Common Butterflies in the Garden



Prepared by Lisa Fimiani of Friends of Ballona Wetlands and Scott Logan of Wild Wings Backyard Nature Store



#### Monarch Butterfly











Excerpt from link below with a few added comments from Lisa:

Now that we understand that monarchs are healthier when milkweed is seasonal and not year-round, we can work to improve monarch habitat. Below are recommendations for gardeners interested in reducing monarch disease and non-migratory behaviors:

- 1. Plant native milkweeds whenever possible (it dies back naturally and will reseed itself).
- 2. If you have tropical milkweed, cut it back from October-February to within 6" of the ground (unless it dies back naturally on its own). Also remove any new plant growth at the base of the plant. If you live in a warm coastal area in the southern U.S. or California, cutting the milkweed back is especially important and it will be necessary to prune frequently (every 3 weeks) as it quickly re-grows during these months.
- 3. Consider gradually replacing your tropical milkweed with native species (Narrow-leaf and Showy Milkweed).
- 4. Learn to identify native milkweeds and protect them.
- 5. Ask local growers to produce native milkweeds.

http://monarchjointventure.org/news-events/news/qa-about-research-related-to-tropical-milkweed-and-monarch-parasites



The monarch female has noticeably thicker wing veins, which give her a darker appearance. There are no black wing dots to be seen

## Telling the difference between MALE and FEMALE Monarchs!



The male monarch butterfly has a black patch on each hind wing that releases pheromones for attracting elusive monarch females. These black dots are also an excellent 'male marker' for sexing purposes

http://monarchbutterflygarden.net/female-or-male-monarch-butterfly-pictures/



Larvae food plants include:

- Hollyhock
- Mallow
- False Nettle

#### West Coast Lady



Orange bar, squared-off wing tips, blue in four eyespots

Painted Lady

Licorice Plant 'Limelight' (Helichrysum petiolare) Lisa found on MdR plant!

Larvae food plants Include:

- Cudweeds (Bicolor Everlasting)
- Red Clover
- Thistle
- Hollyhock
- Mallow





http://msjacoby.com/butblog.html

Most widespread butterfly in the world

Five eyespots on hind wings



#### Anise Swallowtail

http://www.gardenswithwings.com/butterfly/Anise%20Swallowtail/index.html

Likes Rue, Parsley, Fennel, and Dill









www.gardening-for-wildlife.com

#### Western Tiger Swallowtail

Nectar Plants:

Thistle, lantana, zinnia and other aster family members





Food Plants: Sycamore, Cottonwood, Willow, Ash and Alder

Giant Swallowtail









Swallowtail Caterpillars are nicknamed the "Bird Dropping Caterpillars!"

Likes Rue, and Citrus

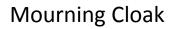




Gulf Fritillary

Likes Passion Flower Vines











Larvae food plants: Willow, Elms Cottonwood (Lisa has seen the caterpillars on Chinese Elms)

mourning cloakwww.fcps.edu Copyright, Paolo Mazzei.

#### Cabbage White



#### **Checkered White**





Larvae food plants: Mustard family



p\_protodice\_slc\_firstinstar2\_600w.jpg www.raisingbutterflies.org

Copyright, Jay Cossey, http://www.images.on.ca/JayC/

#### **Cloudless Sulpher**





entnemdept.ufl.edu



Larvae Food Plants: Candle-stick Tree, Wild Senna, Sickle-pod

Nectar: Thistle

**Nectar Plants:** 

Blood Flower, Butterfly Milkweed, Common Milkweed, Swamp Milkweed, Dogbane, Goldenrod, Queen Anne's Lace, Cow Vetch, Crown Vetch, Buckwheat

Larvae Food Plants: Hibiscus, Hollyhock, Passion Flowers, Mallow, White Clover, Cow Vetch, Crown Vetch

http://www.gardenswithwings.com/butterfly/Gray%20Hairstreak%20/index.html



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#### Gray Hairstreak



#### Skipper Butterflies

Grasses, like Bermuda Grass



Umber Skipper



**Fiery Skipper** 

Food: Blue Cardinal Flower, Brazilian Verbena, Butterfly Bush, Garlic Chives, Common Sage, Globe Amaranth, Heath Aster, Heliotrope, Lantana, Marigold, Mist Flower, Oregano, Salvia - See more at: http://www.thebutterflysite.com/butterflyfood.shtml#sthash.MfW4fThC.dpuf

#### Resources

http://www.xerces.org/butterfly-conservation/

http://www.thebutterflysite.com/butterfly-food.shtml

http://theodorepayne.org/mediawiki/index.php?title=Butterflies

http://www.sfbaywildlife.info/species/western\_tiger\_swallowtail.htm

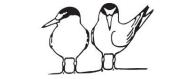
#### How to register your garden as a Wildlife Habitat Yard:

- 1. Audubon At Home http://audubonathome.org/
- 2. National Wildlife Federation http://www.nwf.org/gardenforwildlife/create.cfm?CFID=7177856&CFTOKEN=176461acda590e96-4839F373-5056-A868-A0F00601F3124B08
- 1. Monarch Waystation Program http://www.monarchwatch.org/waystations/certify.html
- 2. Xerces Society http://www.xerces.org/

Wild Wings Backyard Nature Store Has a LIVE BUTTERFLY HABITAT!

### **Prepared by:**

Lisa Fimiani, Executive Director



Friends of Ballona Wetlands

Friends' leads educational nature walks and Restoration parties in the Ballona Wetlands. Come "Explore Ballona" with us!

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Wild Wings Backyard Nature Store

HELPING YOU COME CLOSER TO NATURE; HELPING NATURE COME CLOSER TO YOU.

WILD WINGS BACKYARD NATURE STORE 4337 WOODMAN AVE SHERMAN OAKS, CA 91423

We are located a 1/2 block North of Ventura Blvd with free parking in rear of the store.

Phone: (818) 995-0022 Fax: (818) 995-0722 Email: wildwingsla@gmail.com