

# What's Growing On in the garden?

Germantown Hills School Garden Newsletter

August 20, 2007

## What's Blooming Now...

| <i>What?</i> .....          | <i>Where?</i>                         |
|-----------------------------|---------------------------------------|
| Hostas.....                 | Shade Garden                          |
| Hydrangeas.....             | Shade Garden                          |
| Knockout Roses.....         | Herb Garden & Bulb Garden             |
| Wave Petunias.....          | Herb, Butterfly, Blue & White Gardens |
| Russian Sage.....           | Herb Garden                           |
| Yarrow.....                 | Herb Garden & Butterfly Garden        |
| Black Eyed Susans.....      | Butterfly Garden & Prairie Garden     |
| Coneflowers.....            | Butterfly Garden & Prairie Garden     |
| Butterfly Bushes.....       | Butterfly Garden                      |
| Sedum.....                  | Butterfly Garden                      |
| Mums.....                   | Bulb Garden                           |
| Purple Fountain Grass.....  | Bulb Garden                           |
| White Coneflowers.....      | Blue & White Garden                   |
| New England Asters.....     | Blue & White Garden                   |
| Nepata (Catmint).....       | Blue & White Garden                   |
| Ageratum.....               | Blue & White Garden                   |
| Sweet Eyed Susan.....       | Blue & White Garden                   |
| Heliopsis (Sunflowers)..... | Prairie Garden                        |
| Mexican Hat.....            | Prairie Garden                        |
| Dwarf Fountain Grass.....   | Prairie Garden                        |
| Northern Sea Oats.....      | Prairie Garden                        |
| Little Bluestem.....        | Prairie Garden                        |
| Prairie Dropseed.....       | Prairie Garden                        |
| Sunflowers.....             | Vegetable Garden                      |
| Pumpkins.....               | Vegetable Garden                      |
| Marigolds.....              | Vegetable Garden                      |
| Tomatoes.....               | Vegetable Garden                      |



**Butterfly bush**  
A butterfly favorite!  
You will find several of these in the garden in white and shades of purple.



**Purple Coneflower**  
This is an Illinois native flower with long lasting flowers and seed heads that will attract birds in the winter.



**Yarrow**  
This plant has been used to stop bleeding since ancient times, in fact it's folk name is "nosebleed".



**Prairie Dropseed**  
Brush over the seed-heads on this grass - it smells like buttered popcorn!

**Teacher Tips:** Why not print this sheet out and play I Spy with your students. Make sure they have checked out the MAP on the wall and know the names of the various "gardens" within the courtyard, then see how many of these they can identify. Linda or Cathy will try to stop by on Friday mornings now and then to be available for questions, etc.

**PLEASE USE THE GARDEN AREAS WITH YOUR STUDENTS!** Have them write about, draw, observe. The new 4th graders should be especially excited to see what is growing in the veggie garden as they were the ones to plant all the seeds last spring. Also, those who were in Mrs. Neumann's 2nd grade class planted the marigolds. Check them out!!!! Look what that stinky turkey compost can do!!!!"

## *Butterflies And The Plants Their Caterpillars Eat*

| <i>Butterfly</i>                              | <i>Host Plant</i>                         |
|---|---|
| Monarch and The Queen                         | milkweed                                  |
| Pipevine Swallowtai                           | pipevine, snakeroot, and knot vine        |
| Black Swallowtail                             | parsley, carrots, parsnips                |
| Anise swallowtail                             | anise, fennel, carrots, parsley, parsnips |
| Orange-Barred Sulphur                         | Cassia and the pea family                 |
| Cloudless sulphur                             | wild senna                                |
| Sara Orange Tip                               | wild mustard                              |
| Southern Dogface                              | wild indigo and clover                    |
| Great Southern White                          | mustards                                  |
| Julia, Gulf Fritillary, Zebras                | passion flower leaves                     |
| Greater Fritillaries and Lesser Fritillaries  | violets                                   |
| Diana   | manure piles                              |
| Filed Crescent                                | asters                                    |
| Painted Lady and Mylitta Crescent             | thistles                                  |
| Question Mark                                 | elm                                       |
| Satyr   | nettles                                   |
| Fawn  | birch, alder                              |
| Zephyr  | elm and currant                           |
| Comma   | nettle and hops                           |
| Buckeye                                       | plantain and gerardia                     |
| West Coast Lady and Grizzled Skipper          | mallows                                   |
| Red Admiral and Milbert's Tortoise Shell      | nettles                                   |
| Mourning Cloak                                | elm, willow, and poplar                   |
| White Admiral                                 | birch, willow, and poplar                 |
| Viceroy                                       | willow and poplar                         |
| Red-Spotted Purple                            | wild cherry                               |
| California sister                             | live oak                                  |
| Nais Metalmark                                | wild plum                                 |
| American Copper                               | sheep sorrel                              |
| Eastern Tailed Blue, Orange-Bordered Blue     | legumes                                   |
| Pygmy Blue and Dwarf Blue                     | lamb's tongue                             |
| Common Blue                                   | dogwood flowers                           |
| Marine Blue                                   | wisteria, alfalfa, locoweed, and legumes  |
| Southern Cloudy Wing and Northern Cloudy Wing | clover and legumes                        |
| Silver Spotted Skipper                        | wisteria and locusts                      |

# Focus On...Butterflies!



**Butterflies** are beautiful, flying insects with large scaly wings. Like all insects, they have six jointed legs, 3 body parts, a pair of antennae, compound eyes, and an exoskeleton. The three body parts are the head, thorax (the chest), and abdomen (the tail end).

The butterfly's body is covered by tiny sensory hairs. The four wings and the six legs of the butterfly are attached to the thorax. The thorax contains the muscles that make the legs and wings move.

## Life-cycle Of A Butterfly

Butterflies and moths undergo complete metamorphosis in which they go through four different life stages.

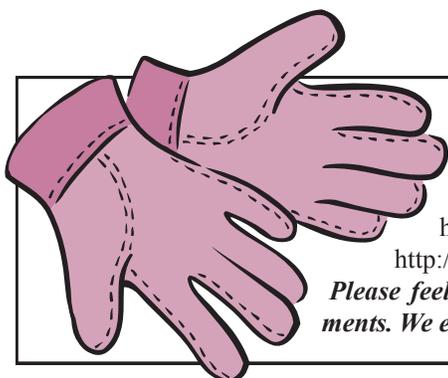
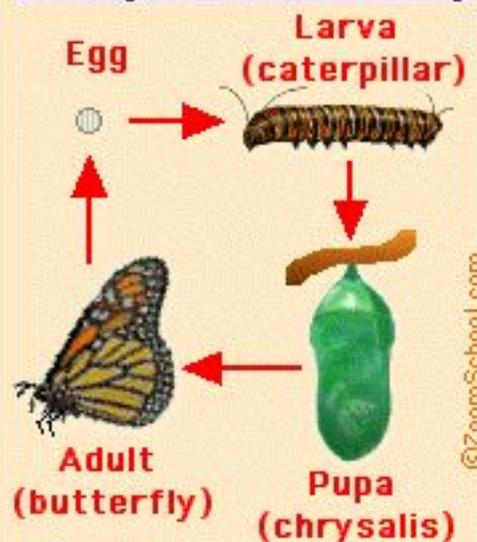
**Egg** - A butterfly starts its life as an egg, often laid on a leaf.

**Larva** - The larva (caterpillar) hatches from an egg and eats leaves or flowers almost constantly. The caterpillar molts (loses its old skin) many times as it grows. The caterpillar will increase up to several thousand times in size before pupating.

**Pupa** - It turns into a pupa (chrysalis); this is a resting stage.

**Adult** - A beautiful, flying adult emerges. This adult will continue the cycle

## Life Cycle of a Butterfly



## Websites and Resources

<http://www.amazingmoms.com/htm/childrensgardening2.htm>  
<http://childcare.about.com/cs/enrichment/ht/butterfly.htm>  
[http://www.suite101.com/article.cfm/kids\\_gardening/9426](http://www.suite101.com/article.cfm/kids_gardening/9426)  
<http://www.enchantedlearning.com/subjects/butterfly/allabout/Garden.shtml>

*Please feel free to contact either Cathy or Linda with your garden questions and comments. We encourage you to use the garden as the valuable educational resource that it can be.*



Cathy Bandeko, Master Gardener  
Linda Simpson, Teacher

home:383-4802  
home:699-0280

cell:208-6518  
cell:696-9587

e-mail:cbandeko@multiad.com  
e-mail:tlsimpson@mchsi.com