

oth colorful and colorfun, butterflies paint Chicago's backyards and gardens with a fluttering brush and turn a visit to Brookfield Zoo's *Butterflies!* exhibit into a momentary musing on nature's creativity.

This book is a celebration of Butterflies!

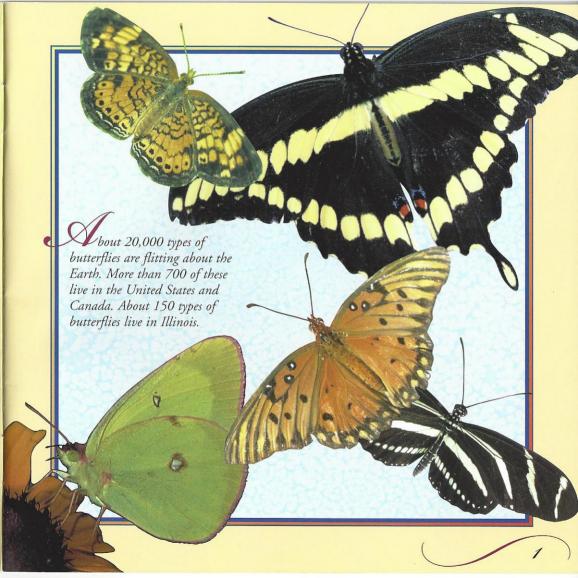
and butterflies.

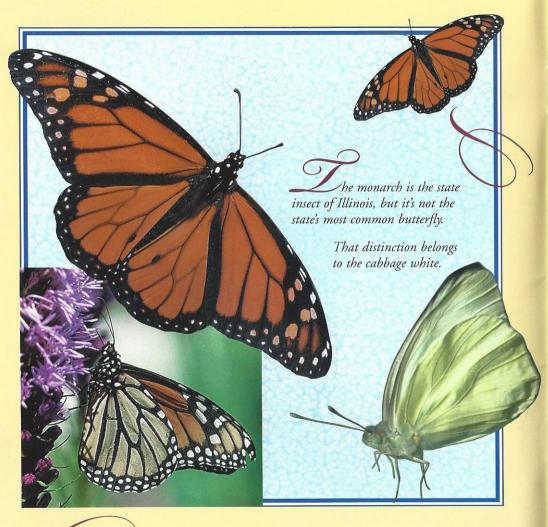
Spread the wings of the book. Let your imagination take flight as you read fascinating facts about butterflies. With your finger, trace a butterfly's wings and remember your walk through (Butterflies), vibrantly alive with these winged wonders.

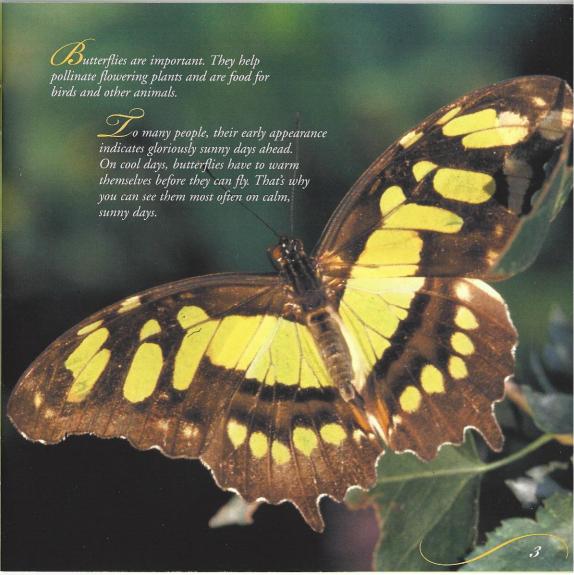
Turn to the handy guide to some of Chicago's butterflies. Choose a butterfly—the most dazzling one you can find—and memorize its colors. Go find the butterfly. Or grow some of the suggested plants and wait for it to stop by.

Then start over.

Any way you can, discover the fascination behind the creatures poet Robert Frost described as "flowers that fly and all but sing."







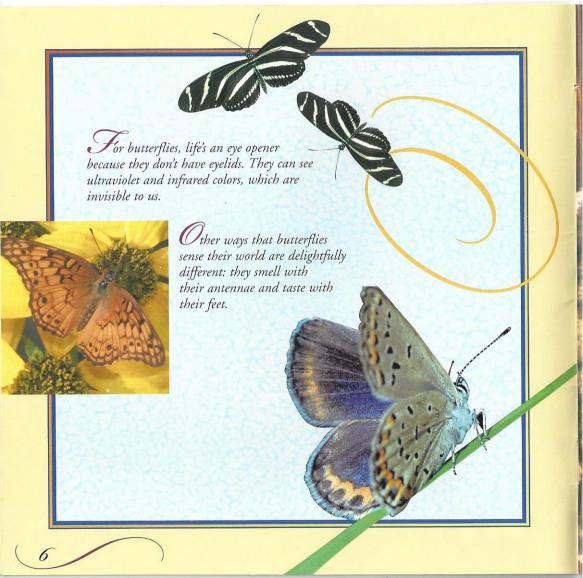
Butterflies drink, but they don't eat. They suck up liquids through their "proboscis," a straw-like tube. When not in use, their proboscis is coiled up like a spring.

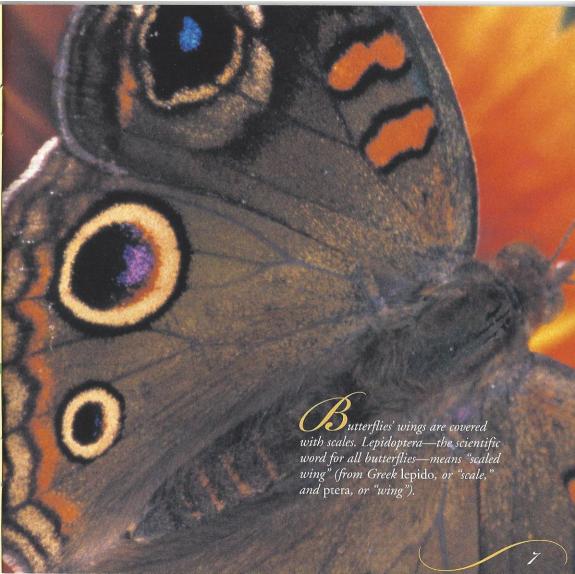


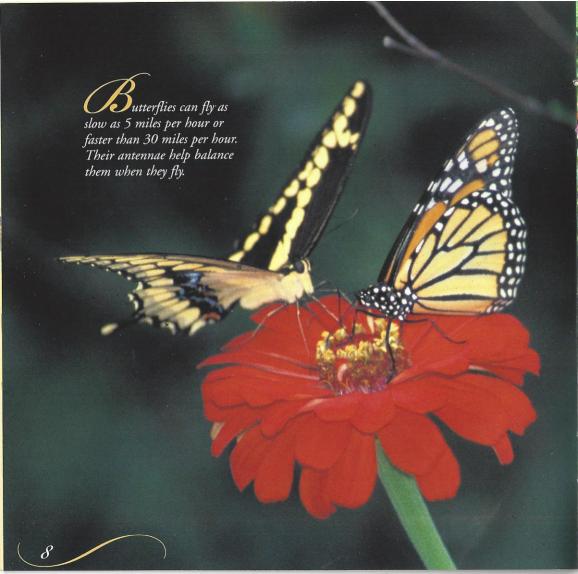


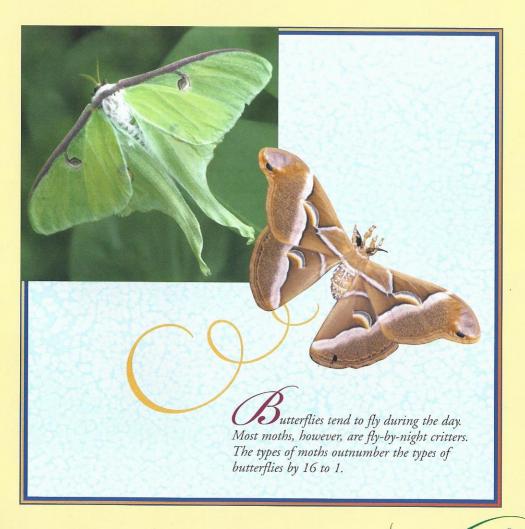
ome butterflies prefer nectar, some prefer sap or fruit. Some male butterflies "puddle," gathering at wet or muddy spots on the ground. They get salts and minerals from the fluid they drink.

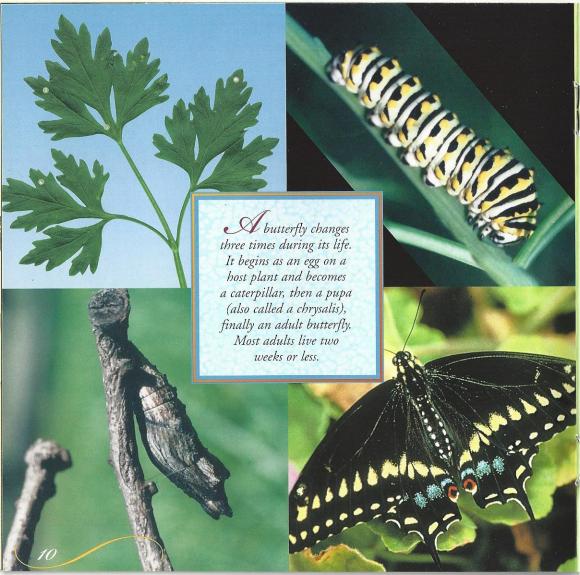












### A Guide to Chicagoland Butterflies

This section will introduce you to some of the butterflies you can find in the Chicago area. If you want a butterfly garden, this is one place to start. Another is Brookfield Zoo's Web site (BrookfieldZoo.org). There you can find all kinds of great information on attracting butterflies to your garden.





Butterflies are attracted to warm, sunny, brightly colored spaces with shelter from the wind. These spaces can be small containers or large garden plots.

#### Nectar Plants

Flower nectar is adult butterflies' main food source. They drink nectar from a huge variety of annuals, perennials, shrubs, trees, vines, and herbs. They look for a good place to land, with easy access to nectar; colors like purple, lavender, red, and pink; and clusters of similar plants that create a burst of color and smell.

#### Host Plants

Although butterflies take nectar from many plants, they are very selective about which plants they lay eggs on. Some preferred host plants are weeds or native flowers, shrubs, and trees.

If you decide to plant weedy varieties, you can keep them in containers.



#### Question Mark

Polygonia interrogationis Wingspan: 2.4 to 3 Inches

These butterflies love fruit. Try leaving out some rotting watermelon or banana. Also, keep a close eye on elm trees. Why? Question mark caterpillars enjoy eating their leaves.

Clouded Sulphur Colias philodice Wingspan: 1.6 to 2.5 Inches

These butterflies are common in Chicago gardens.
Nectar plants include dandelion, clover, milkweed, sunflower, and aster.
Females lay eggs on clover, alfalfa, and related plants.





# Giant Swallowtail Papilio cresphontes Wingspan: 4 to 6 Inches

Illinois' largest butterfly is quite a sight. It prefers woodlands but gets nectar in open areas *near* woodlands. Favorite flowers include milkweed and other composites, phlox, and clover.

# Black Swallowtail Papilio polyxenes Wingspan: 3 to 4 Inches

Black swallowtails' host plants include dill, fennel parsley, and native herbs in this group. Consider planting these herbs in your vegetable garden... for black swallowtails and for yourself.





# Tiger Swallowtail Papilio glaucus Wingspan: 3.5 to 5 Inches

While these large, beautiful butterflies tend to hang out in woodlands, they also like suburban gardens. They get nectar from many flowers, including butterfly bush, purple coneflower, and lilac.

# Eastern Tailed-Blue Everes comyntas Wingspan: .75 to 1 Inches

These tiny butterflies sport tails on their hindwings. Flying low to the ground in open areas, they search out many different nectar plants, including clover, milkweed, dogbane, and aster.



#### Viceroy

Limenitis archippus Wingspan: 3 to 4 Inches

These monarch look-alikes have a black line running across their hindwings, unlike monarchs. Viceroys lay eggs on willow trees. Adults get nectar from ripe fruit, sap, and flowers such as swamp milkweed.

# Monarch Danaus plexippus Wingspan: 3.3 to 4.8 Inches

Watching these popular butterflies' vibrant colors is a fun family activity. Adults get nectar from milkweed, butterfly bush, butterfly weed, and many other flowers. They lay eggs

on milkweed.



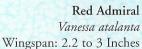


### Cabbage White

Pieris rapae

Wingspan: 1.75 to 2.25 Inches

Cabbage white caterpillars enjoy...cabbage, of course (along with other plants in the cabbage family). Adults get nectar from a wide variety of plants and are common in gardens.



These fast, agile flyers with the dominant red stripe prefer sap flows, overripe fruit, and bird droppings. They also enjoy garden flowers like common milkweed, red clover, and aster.





#### Buckeye

Junonia coenia

Wingspan: 2 to 2.5 Inches

Bright spots on the upper side of buckeyes' wings might scare predators away. You can spot buckeyes getting nectar from garden composites such as aster, chicory, tickseed sunflower, dogbane, and peppermint.

### Painted Lady Vanessa cardui Wingspan: 2.25 to 3 Inches

Painted ladies aren't too fussy about laying eggs: over 100 host plants have been identified. As for nectar, they prefer 3- to 6-foot-high composites, among them thistle, blazing star, and joe-pye weed.





#### Silver-Spotted Skipper Epargyreus clarus Wingspan: 1.5 to 1.8 Inches

With their transparent gold spots and metallic silver bands, these skippers are eye-catching. But look quick, as they are fast and agile. They get nectar from butterfly bush, zinnea, and coneflower.

### Mourning Cloak Nymphalis antiopa Wingspan: 3.2 to 4 Inches

Unlike many butterflies that die by autumn, mourning cloak adults lie dormant during winter and emerge among spring's first arrivals. They prefer tree sap, especially from oaks. Also, put some fruit in your garden on warm days in late March and early April.





# Pearl Crescent Phyciodes tharos Wingspan: 1.2 to 1.5 Inches

Look closely in your garden, along roadsides, and in fields and vacant lots for these small butterflies. Adults get nectar from a wide variety of plants, including dogbane, aster, swamp milkweed, and winter cress.

### Fiery Skipper Hylephila phyleus Wingspan: 1 to 1.3 Inches

These gold, black-spotted butterflies—with wings bordered in "flaming" black—are among the most active skippers. They lay eggs on grasses and get their nectar from sweet pepperbush, sneezeweed, and knapweed, among other plants.



## Butterflies in This Book

Front cover: Silvery checkerspot (top), monarch (top),

Karner blue (bottom)

Back cover: Julia

Inside front cover: Black swallowtail

Page 1: Pearl crescent, giant swallowtail, zebra, gulf fritillary, common sulphur (clockwise from upper left)

Page 2: Monarchs, cabbage white (lower right)

Page 3: Malachite

Page 4: Queens (upper right), tropical swallowtails (lower left)

Page 5: Black swallowtail (left), queen (lower center), giant swallowtail (upper right)

Page 6: Variegated fritillary (left), zebra longwings (upper center), Karner blue (lower right)

Page 7: Buckeye

Page 8: Giant swallowtail (left), monarch (right)

Page 9: Luna moth (upper left), cynthia moth (lower right)

Page 10: Black swallowtail life cycle

Page 11: Question mark (top and bottom),

tiger swallowtail (left square), monarch (center square), buckeye (right square)

Page 12: American painted lady

This page: Gulf fritillary

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