



Illinois Pollinators Trunk



Section 1 General Information

Contents Checklist document

Contents Checklist Key document

How to Use this Trunk document

IDNR Division of Education Promotional Page document

IDNR Division of Education Resources Trunks and Packs documents

Learning Standards Correlations document

Online Resources document



Illinois Pollinators Trunk



Section 2

What are Pollinators?

Relevant Trunk Resources for Teaching this Topic

The items listed below are among the contents of this resources trunk that are most relevant to teaching about the topic “What are Pollinators?”

Learning standards correlations are provided for lessons. These lessons can assist your students in meeting several of the Next Generation Science Standards (NGSS) and/or Illinois Early Learning and Development Standards (IELDS). The correlations listed below are suggestions. Please do not be limited by them. The interdisciplinary nature of pollinator studies can allow you to incorporate other learning standards as well.

A Butterfly is Patient book

Trunk Location: Large Plastic Container

Additional Sources for Pollinator Information, Lessons and Other Resources document

Trunk Location: Binder

Are You a Bee? book

Trunk Location: Large Plastic Container

Bee Basics: An Introduction to Our Native Bees book

Trunk Location: Large Plastic Container

Butterflies of Illinois: A Field Guide book

Trunk Location: Backpack

Butterfly Activity Guide lessons

Butterfly Life Cycle

IELDS 12.B.ECa

NGSS K-LS1-1, 2-LS4-1, 3-LS4-4

Pollination Partners: An Inquiry Investigation

NGSS 2-LS2-2



Butterfly Activity Guide lessons - continued

Butterfly Life Cycle

IELDS 12.B.ECa

NGSS K-LS1-1, 2-LS4-1, 3-LS4-4

Pollination Partners: An Inquiry Investigation

NGSS 2-LS2-2

The Great Butterfly Migration

NGSS 3-LS1-1, 3-LS4-3

Trunk Location: Binder

Golden Guide to Insects book

Trunk Location: Backpack

Gotta Go! Gotta Go! book

Trunk Location: Large Plastic Container

Hive Alive!: Bee Bodies lesson

NGSS 2-LS2-2, 3-LS2-1, 4-LS1-1

Trunk Location: Binder

Hive Alive! Everybody has a Job! lesson

NGSS 2-LS2-2, 3-LS2-1, 3-LS3-2, 4-LS1-1, 4-LS1-2

Trunk Location: Binder

Hive Alive!: Honey lesson

NGSS 3-LS2-1, 3-LS3-2

Trunk Location: Binder

Hive Alive!: Swarm lesson

NGSS 2-LS2-2, 3-LS2-1, 3-LS3-2, 4-LS1-1, 4-LS1-2

Trunk Location: Binder



Illinois Pollinators Trunk



Hive Alive! Tiny Bug Huge Role lesson

NGSS 2-LS2-2, 3-LS2-1, 3-LS3-1, 3-LS3-2, 4-LS1-1, 4-LS1-2

Trunk Location: Binder

Honey Bee Life Cycle Stages Model

Trunk Location: Large Plastic Container

Illinois Ag Mag – Pollinator magazine

Trunk Location: Large Plastic Container

Illinois Moths and Butterflies poster

Trunk Location: Poster Tube

Illinois Native Bees document

Trunk Location: Binder

Illinois Native Bees poster

Trunk Location: Poster Tube

Illinois Pollinator Identification Cards

Trunk Location: Backpack

Illinois Pollinator Identification Pages

Trunk Location: Binder

Insect Net

Trunk Location: Backpack

Magnifying Lens

Trunk Location: Backpack

Magnifying Observation Container

Trunk Location: Backpack



Illinois Pollinators Trunk



Milkweed, Monarchs and More book

Trunk Location: Backpack

Monarch Life Cycle poster

Trunk Location: Poster Tube

Monarch Life Cycle Stages Model

Trunk Location: Large Plastic Container

Monarch and Milkweed book

Trunk Location: Large Plastic Container

Monarchs and More: An Inquiry and Arthropod Based Curriculum Grades K-2 book

NGSS K-LS1-1, K-ESS3-1, K-ESS3-3, 1-LS1-2, 2-LS2-2, 2-LS4-1

Trunk Location: Large Plastic Container

Monarchs and More: An Inquiry and Arthropod Based Curriculum Grades 3-6 book

NGSS 3-LS1-1, 3-LS2-1, 3-LS3-2, 3-LS4-2, 3-LS4-4, 4-LS1-1, 4-LS1-2, MS-LS2-1, MS-LS2-4

Trunk Location: Large Plastic Container

Monarch Mania! document

Trunk Location: Binder

Passion for Pollinators document

Trunk Location: Binder

Peterson Field Guides for Young Naturalists – Butterflies book

Trunk Location: Backpack

Peterson Field Guides for Young Naturalists – Caterpillars book

Trunk Location: Backpack

Pocket Naturalist Field Guide to Bees and Other Pollinators

Trunk Location: Backpack



Illinois Pollinators Trunk



Port-a-bug

Trunk Location: Backpack

Take Along Guide: Caterpillars, Bugs and Butterflies book

Trunk Location: Large Plastic Container

Teaching about the Magnificent Monarch: Resource Recommendations for Conservation Educators document

Trunk Location: Binder

The Blossoms, the Birds and the Bees lessons

IELDS 11.A.ECa, 11.A.ECf, 11.A.ECg, 12.A.ECa, 12.B.ECa, 12.C.ECa

NGSS K-LS1-1, 2-LS2-2

Trunk Location: Binder

The Honey Makers book

Trunk Location: Large Plastic Container

The Life Cycles of Butterflies book

Trunk Location: Backpack



Section 3

Why are Pollinators Important?

Relevant Trunk Resources for Teaching This Topic

The items listed below are among the contents of this resources trunk that are most relevant to teaching about the topic “Why are Pollinators Important?”

Learning standards correlations are provided for lessons. These lessons can assist your students in meeting several of the Next Generation Science Standards (NGSS) and/or Illinois Early Learning and Development Standards (IELDS). The correlations listed below are suggestions. Please do not be limited by them. The interdisciplinary nature of pollinator studies can allow you to incorporate other learning standards as well.

Additional Sources for Pollinator Information, Lessons and Other Resources document

Trunk Location: Binder

Bumble Bees are Essential brochure

Trunk Location: Binder

Butterfly Activity Guide lessons

Butterfly Life Cycle

IELDS 12.B.ECa

NGSS K-LS1-1, 2-LS4-1, 3-LS4-4

Pollination Partners: An Inquiry Investigation

NGSS 2-LS2-2

The Great Butterfly Migration

NGSS 3-LS1-1, 3-LS4-3

Trunk Location: Binder



Illinois Pollinators Trunk



Hive Alive!: Honey lesson

NGSS 3-LS2-1, 3-LS3-2

Trunk Location: Binder

Hive Alive!: Tiny Bug Huge Role lesson

NGSS 2-LS2-2, 3-LS2-1, 3-LS3-1, 3-LS3-2, 4-LS1-1, 4-LS1-2

Trunk Location: Binder

Insect Net

Trunk Location: Backpack

Magnifying Lens

Trunk Location: Backpack

Magnifying Observation Container

Trunk Location: Backpack

Milkweed, Monarchs and More book

Trunk Location: Backpack

Monarchs and More: An Inquiry and Arthropod Based Curriculum Grades K-2 book

NGSS K-LS1-1, K-ESS3-1, K-ESS3-3, 1-LS1-2, 2-LS2-2, 2-LS4-1

Trunk Location: Large Plastic Container

Monarchs and More: An Inquiry and Arthropod Based Curriculum Grades 3-6 book

NGSS 3-LS1-1, 3-LS2-1, 3-LS3-2, 3-LS4-2, 3-LS4-4, 4-LS1-1, 4-LS1-2, MS-LS2-1, MS-LS2-4

Trunk Location: Large Plastic Container

Monarch Mania! document

Trunk Location: Binder



Illinois Pollinators Trunk



***Passion for Pollinators* document**

Trunk Location: Binder

***Pollinators and Seeds* poster**

Trunk Location: Poster Tube

Port-a-bug

Trunk Location: Backpack

***Smithsonian in Your Classroom, Plants and Animals: Partners in Pollination* lessons**

NGSS: 2-LS2-2, 3-LS4-3, 4-LS1-1

Trunk Location: Binder

***Teaching about the Magnificent Monarch: Resource Recommendations for Conservation Educators* document**

Trunk Location: Binder

***The Blossoms, the Birds and the Bees* lessons**

IELDS 11.A.ECa, 11.A.ECf, 11.A.ECg, 12.A.ECa, 12.B.ECa, 12.C.ECa

NGSS K-LS1-1, 2-LS2-2

Trunk Location: Binder

***The Honey Makers* book**

Trunk Location: Large Plastic Container



Section 4

How Does Pollination Work?

Relevant Trunk Resources for Teaching this Topic

The items listed below are among the contents of this resources trunk that are most relevant to teaching about the topic “How Does Pollination Work?”

Learning standards correlations are provided for lessons. These lessons can assist your students in meeting several of the Next Generation Science Standards (NGSS) and/or Illinois Early Learning and Development Standards (IELDS). The correlations listed below are suggestions. Please do not be limited by them. The interdisciplinary nature of pollinator studies can allow you to incorporate other learning standards as well.

Additional Sources for Pollinator Information, Lessons and Other Resources document

Trunk Location: Binder

Butterfly Activity Guide lessons

Butterfly Life Cycle

IELDS 12.B.ECa

NGSS K-LS1-1, 2-LS4-1, 3-LS4-4

Pollination Partners: An Inquiry Investigation

NGSS 2-LS2-2

The Great Butterfly Migration

NGSS 3-LS1-1, 3-LS4-3

Trunk Location: Binder

Hive Alive: Bee Bodies lesson

NGSS: 2-LS2-2, 3-LS2-1, 4-LS1-1

Trunk Location: Binder

Insect Net

Trunk Location: Backpack



Magnifying Lens

Trunk Location: Backpack

Magnifying Observation Container

Trunk Location: Backpack

***Milkweed, Monarchs and More* book**

Trunk Location: Backpack

***Monarchs and More: An Inquiry and Arthropod Based Curriculum Grades K-2* book**

NGSS K-LS1-1, K-ESS3-1, K-ESS3-3, 1-LS1-2, 2-LS2-2, 2-LS4-1

Trunk Location: Large Plastic Container

***Monarchs and More: An Inquiry and Arthropod Based Curriculum Grades 3-6* book**

NGSS 3-LS1-1, 3-LS2-1, 3-LS3-2, 3-LS4-2, 3-LS4-4, 4-LS1-1, 4-LS1-2, MS-LS2-1, MS-LS2-4

Trunk Location: Large Plastic Container

***Smithsonian in Your Classroom, Plants and Animals: Partners in Pollination* lessons**

NGSS 2-LS2-2, 3-LS4-3, 4-LS1-1

Trunk Location: Binder

Pollination Book – Animal Pollinators

Trunk Location: Large Plastic Container

Pollination Book – Cross-pollination

Trunk Location: Large Plastic Container

Pollination Book – Insect Pollinators

Trunk Location: Large Plastic Container

Pollination Book – Parts of a Flower

Trunk Location: Large Plastic Container

Pollination Book – Self-pollination

Trunk Location: Large Plastic Container



Illinois Pollinators Trunk



Port-a-bug

Trunk Location: Backpack

***Teaching about the Magnificent Monarch: Resource Recommendations for Conservation Educators* document**

Trunk Location: Binder

***The Blossoms, the Birds and the Bees* lessons**

IELDS 11.A.ECa, 11.A.ECf, 11.A.ECg, 12.A.ECa, 12.B.ECa, 12.C.ECa

NGSS K-LS1-1, 2-LS2-2

Trunk Location: Binder

***The Honey Makers* book**

Trunk Location: Large Plastic Container

***You are the Pollinator* lesson**

NGSS 2-LS2-2

Trunk Location: Binder



Section 5 Helping Pollinators Relevant Trunk Resources for Teaching this Topic

The items listed below are among the contents of this resources trunk that are most relevant to teaching about the topic “Helping Pollinators.”

Learning standards correlations are provided for lessons. These lessons can assist your students in meeting several of the Next Generation Science Standards (NGSS) and/or Illinois Early Learning and Development Standards (IELDS). The correlations listed below are suggestions. Please do not be limited by them. The interdisciplinary nature of pollinator studies can allow you to incorporate other learning standards as well.

***Additional Sources for Pollinator Information, Lessons and Other Resources* document**

Trunk Location: Binder

***Habitat Helpers!* document**

Trunk Location: Binder

***Inviting Bees to Your Property: No Fear of Stings* brochure**

Trunk Location: Binder

***Monarchs and More: An Inquiry and Arthropod Based Curriculum Grades K-2* book**

NGSS K-LS1-1, K-ESS3-1, K-ESS3-3, 1-LS1-2, 2-LS2-2, 2-LS4-1

Trunk Location: Large Plastic Container

***Monarchs and More: An Inquiry and Arthropod Based Curriculum Grades 3-6* book**

NGSS 3-LS1-1, 3-LS2-1, 3-LS3-2, 3-LS4-2, 3-LS4-4, 4-LS1-1, 4-LS1-2, MS-LS2-1,
MS-LS2-4

Trunk Location: Large Plastic Container

***Monarch Mania!* document**

Trunk Location: Binder



Illinois Pollinators Trunk



Nature Circles: Next Generation Science Standards Grade 2

Activity 1: 2-ESS2-2, 2-ESS2-3

Activity 2: 2-ESS1-1

Activity 3: 2-ESS1-1, 2-ESS2-1, K-2-ETS1-2

Activity 4: 2-PS1-1

Activity 5: 2-LS4-1

Activity 6: 2-LS2-1

Activity 7: 2-LS2-2

Trunk Location: Large Plastic Container

Nests for Native Bees document

Trunk Location: Binder

Passion for Pollinators document

Trunk Location: Binder

Plight of the Pollinator brochure

Trunk Location: Binder

Promoting Hummingbirds brochure

Trunk Location: Binder

Protecting Monarchs brochure

Trunk Location: Binder

Teaching about the Magnificent Monarch: Resource Recommendations for Conservation Educators document

Trunk Location: Binder

Nature Circles: Next Generation Science Standards Grade 2

Activity 1: 2-ESS2-2, 2-ESS2-3

Activity 2: 2-ESS1-1

Activity 3: 2-ESS1-1, 2-ESS2-1, K-2-ETS1-2



Nature Circles: Next Generation Science Standards Grade 2 - continued

Activity 4: 2-PS1-1

Activity 5: 2-LS4-1

Activity 6: 2-LS2-1

Activity 7: 2-LS2-2

Trunk Location: Large Plastic Container

Nests for Native Bees document

Trunk Location: Binder

Passion for Pollinators document

Trunk Location: Binder

Plight of the Pollinator brochure

Trunk Location: Binder

Promoting Hummingbirds brochure

Trunk Location: Binder

Protecting Monarchs brochure

Trunk Location: Binder

Teaching about the Magnificent Monarch: Resource Recommendations for Conservation Educators document

Trunk Location: Binder

Tunnel Nests for Native Bees document

Trunk Location: Binder

Your School and Pollinators brochure

Trunk Location: Binder



Section 6

Pollinator Gardens

Relevant Trunk Resources for Teaching this Topic

The items listed below are among the contents of this resources trunk that are most relevant to teaching about the topic “Pollinator Gardens.”

Learning standards correlations are provided for lessons. These lessons can assist your students in meeting several of the Next Generation Science Standards (NGSS) and/or Illinois Early Learning and Development Standards (IELDS). The correlations listed below are suggestions. Please do not be limited by them. The interdisciplinary nature of pollinator studies can allow you to incorporate other learning standards as well.

Additional Sources for Pollinator Information, Lessons and Other Resources document

Trunk Location: Binder

Butterfly Garden brochure

Trunk Location: Binder

For Your Garden document

Trunk Location: Binder

Forest Quality Indicators of Illinois pages

Trunk Location: Backpack

Green Roof/Rooftop Garden document

Trunk Location: Binder

How to Plant and Maintain Native Plants document

Trunk Location: Binder

Hummingbird Garden document

Trunk Location: Binder

Illinois Biodiversity Field Trip Grant document

Trunk Location: Binder



Illinois Pollinators Trunk



Illinois Milkweeds document

Trunk Location: Binder

Illinois Native Plants document

Trunk Location: Binder

Illinois Schoolyard Habitat Action Grant Projects and the Illinois Early Learning and Development Standards document

Language Arts: 1.A.ECa, 1.A.ECb, 1.A.ECc, 1.B.ECa, 1.B.ECb, 1.B.ECc, 1.C.ECa, 5.B.ECa, 5.B.ECb, 5.B.ECc, 5.C.ECa, 5.C.ECb

Mathematics: 6.A.ECa, 6.A.ECd, 7.A.ECa, 7.A.ECb, 7.A.ECc, 7.A.ECd, 7.B.ECa, 7.C.ECa, 8.A.ECa, 9.B.ECa, 10.A.ECa, 10.A.ECb, 10.B.ECa, 10.B.ECb

Science: 11.A.ECa, 11.A.ECb, 11.A.ECc, 11.A.ECd, 11.A.ECe, 11.A.ECf, 11.A.ECg, 12.A.ECa, 12.A.ECb, 12.B.ECa, 12.B.ECb, 12.C.ECa, 12.E.ECa, 13.A.ECa, 13.B.ECa, 13.B.ECb

Physical Development and Health: 19.A.ECb, 19.A.ECc, 19.A.ECd, 19.B.ECa, 19.B.ECc, 19.C.ECa, 21.A.ECa, 21.A.ECb, 21.B.ECa, 22.A.ECc

Trunk Location: Binder

Illinois Schoolyard Habitat Action Grant Projects and the Next Generation Science Standards document

K-LS1-1, 1-LS1-1, 1-LS3-1, 2-LS2-2, 2-LS4-1, 3-LS3-1, 3-LS3-2, 3-LS4-3, 4-LS1-1,

MS-LS1-4, MS-LS1-5

Trunk Location: Binder

Illinois Schoolyard Habitat Action Grant document

Trunk Location: Binder

Monarchs and More: An Inquiry and Arthropod Based Curriculum Grades K-2 book

NGSS K-LS1-1, K-ESS3-1, K-ESS3-3, 1-LS1-2, 2-LS2-2, 2-LS4-1

Trunk Location: Large Plastic Container

Monarchs and More: An Inquiry and Arthropod Based Curriculum Grades 3-6 book

NGSS 3-LS1-1, 3-LS2-1, 3-LS3-2, 3-LS4-2, 3-LS4-4, 4-LS1-1, 4-LS1-2, MS-LS2-1, MS-LS2-4

Trunk Location: Large Plastic Container



Illinois Pollinators Trunk



***Open Woodland Garden* document**

Trunk Location: Binder

***Prairie Quality Indicators of Illinois* pages**

Trunk Location: Backpack

***Rain Garden* document**

Trunk Location: Binder

***Short Prairie Garden* document**

Trunk Location: Binder

***Tall Prairie Garden* document**

Trunk Location: Binder

***Teaching about the Magnificent Monarch: Resource Recommendations for Conservation Educators* document**

Trunk Location: Binder

***Woodland Garden* document**

Trunk Location: Binder



Section 7

Resource Materials Index

Additional Sources for Pollinator Information, Lessons and other Resources document
Bumble Bees are Essential brochure
Butterfly Activity Guide
Butterfly Gardens brochure
Butterfly Garden Requirements and Plant List document
For Your Garden document
Green Roof/Rooftop Garden document
Habitat Helpers! document
Hive Alive – Bee Bodies lesson
Hive Alive – Everybody has a Job lesson
Hive Alive – Honey lesson
Hive Alive – Swarm lesson
Hive Alive – Tiny Bug Huge Role lesson
How to Plant and Maintain Native Plants document
Hummingbird Garden document
Illinois Biodiversity Field Trip Grant document
Illinois Milkweeds document
Illinois Native Bees document
Illinois Native Plants document
Illinois Pollinator Identification pages
Illinois Schoolyard Habitat Action Grant document
Illinois Schoolyard Habitat Action Grant Projects and the Illinois Early Learning and Development Standards document
Illinois Schoolyard Habitat Action Grant Projects and the Next Generation Science Standards document
Inviting Bees to Your Property: No Fear of Stings brochure
Monarch Mania pages
Nests for Native Bees document
Open Woodland Garden document
Passion for Pollinators document
Plight of the Pollinator brochure
Promoting Hummingbirds brochure
Protecting Monarchs brochure
Rain Garden document



Illinois Pollinators Trunk



Short Prairie Garden document

Smithsonian in your Classroom: Plants and Animals: Partners in Pollination lessons

Tall Prairie Garden document

Teaching about the Magnificent Monarch: Resource Recommendations for Conservation

Educators document

The Blossoms, The Birds and The Bees lessons

Tunnel Nests for Native Bees document

Woodland Garden document

You are the Pollinator lesson

Your School and Pollinators brochure