

My Notes:

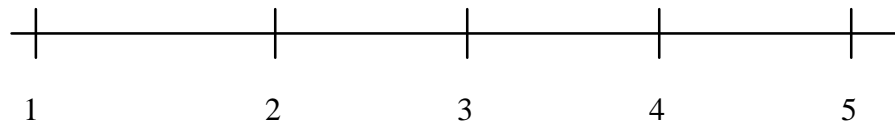
Nest Monitoring
Optional Enrichment Activities

Wings of Wonder Nest Box Logs

To be used in conjunction with the Bayer Nest Box Webcam
and a
Bluebird Box Monitoring Project in your community.

This Journal Belongs to:

Scientist's Name



Instructions for Nest Box Cam:

1. Log onto Wings website: <http://trfn.clpgh.org/wings>
2. Click onto Team Flight -- Nest Cam
3. Visit nest cam at least once per week from April through May.
4. Record observations on the following Nest Box Monitoring logs.
5. Discuss any interesting results, issues, questions.
6. Visit a Nest Box in person during your Spring visit, and record results.
7. Visit other boxes to compare/contrast the nesting habits of other species, such as the Eastern bluebird and house wren.
8. If needed, make copies of the nesting logs.
9. Log onto Bayer's Nest Box database to perform calculations as listed on Investigations page (after nest logs).
10. Enjoy helping birds? Then visit the Backyard Conservation section of the Wings website to learn all about planting for birds, and even erecting and maintaining nest boxes at your own home, schoolyard, or local park.

Habitats as Outdoor Classrooms: Local Learning through Inquiry

Designed for middle school students, this Team Flight module is an optional extension designed to accompany the spring visit to a wildlife habitat, encouraging exploration of local ecosystems and the birds and other wildlife that inhabit them. Originally designed for the Wings of Wonder project in the Three Rivers Habitat Partnership, a regional project of the Wildlife Habitat Council (WHC), for use on the Bayer Corporation's Pittsburgh site. With over 48 bluebird nest boxes, butterfly gardens, wildflower meadows, and various habitats, the Bayer Pittsburgh Site was certified by the Wildlife Habitat Council (WHC) as an official corporate habitat and Corporate Lands for Learning. This module is ideal for other Corporate Lands for Learning sites, as well as local parks, school grounds, and greenspaces that contain monitored bluebird nestboxes.

A special thanks to the Natural Resources Conservation Service for funding, and all the partners as listed below.

For more information on Team Flight and the Wings of Wonder project, including ways to make your backyard or school yard inviting to birds, log on to:

<http://trfn.clpgh.org/wings>

Also visit the Backyard Conservation section of the WHC website at:
<http://www.wildlifehc.org>

Module Development by:
ASSET, Inc.
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Three Rivers Habitat Partnership (a WHC regional project)

(continued)

Nest Box Log (1)

What percentage of nests successfully fledged young in 2001?

1. Date:
2. Species, if known:
3. Contents of box (describe any nesting materials, eggs, etc.):

In 2000?

4. Number of eggs:
5. Description/drawing of eggs:

Questions?

6. Number of baby birds:
7. Description:
8. Estimated age (estimate since last visit):
9. Hatchling, nestling or fledging stage?
10. Behavior:
11. Has anything happened to the nest since last visit? (missing eggs, babies, new feathers, etc.)

Nest Box Log (2)

1. Date:
2. Species, if known:
3. Contents of box (describe any nesting materials, eggs, etc.):

4. Number of eggs:
5. Description/drawing of eggs:

6. Number of baby birds:
7. Description:
8. Estimated age (estimate since last visit):
9. Hatchling, nestling or fledging stage?
10. Behavior:
11. Has anything happened to the nest since last visit? (missing eggs, babies, new feathers, etc.)

Question 3: Percentage Use by Species

What percentage of nest boxes were used by bluebirds in 2001?

By tree swallows?

By all other species?

Question 2: Average Nesting Period

What is the average length time from laying the first egg to fledging (when the young leave the nest) for the Eastern Bluebird?

For the tree swallow?

Nest Box Log (3)

1. Date:
2. Species, if known:
3. Contents of box (describe any nesting materials, eggs, etc.):

4. Number of eggs:
5. Description/drawing of eggs:

6. Number of baby birds:
7. Description:
8. Estimated age (estimate since last visit):
9. Hatchling, nestling or fledging stage?
10. Behavior:
11. Has anything happened to the nest since last visit? (missing eggs, babies, new feathers, etc.)

Nest Box Log (4)

1. Date:
2. Species, if known:
3. Contents of box (describe any nesting materials, eggs, etc.):

4. Number of eggs:
5. Description/drawing of eggs:

6. Number of baby birds:
7. Description:
8. Estimated age (estimate since last visit):
9. Hatchling, nestling or fledging stage?
10. Behavior:
11. Has anything happened to the nest since last visit? (missing eggs, babies, new feathers, etc.)

Investigations

1. Log onto Wings website Team Flight
Nest Cam Investigations
2. Follow the instructions to access the Bayer
Nestbox Database to acquire the data needed for
the following questions. Space is provided for calculations.

Question 1: Start of Nesting Season

When was the earliest nest started in 2001, and by what species?

When was the last nest started, and by what species?

When was the first tree swallow nest started in 2001?

In 2000?

How many tree swallows were fledged in 2001 and in 2000?

Nest Box Log
Bayer Field Visit-Other Species' Box (optional)

1. Date:
2. Species, if known:
3. Description of nest:
4. Number of eggs:
5. Description/drawing of eggs:
6. Number of baby birds:
7. Description:
8. Hatchling, nestling or fledging stage?
9. Behavior:
10. Compare and contrast this nest/eggs/young with the Nest Cam nest:

Nest Box Log (5)

1. Date:
2. Species, if known:
3. Contents of box (describe any nesting materials, eggs, etc.):
4. Number of eggs:
5. Description/drawing of eggs:
6. Number of baby birds:
7. Description:
8. Estimated age (estimate since last visit):
9. Hatchling, nestling or fledging stage?
10. Behavior:
11. Has anything happened to the nest since last visit? (missing eggs, babies, new feathers, etc.)

Nest Box Log (6)

1. Date:
2. Species, if known:
3. Contents of box (describe any nesting materials, eggs, etc.):

4. Number of eggs:
5. Description/drawing of eggs:

6. Number of baby birds:
7. Description:
8. Estimated age (estimate since last visit):
9. Hatchling, nestling or fledging stage?
10. Behavior:
11. Has anything happened to the nest since last visit? (missing eggs, babies, new feathers, etc.)

Nest Box Log

Bayer Field Visit-Nest Cam Box or Other Species' Box (optional)

1. Date:
2. Species, if known:
3. Description of nest:

4. Number of eggs:
5. Description/drawing of eggs:

6. Number of baby birds:
7. Description:
8. Hatchling, nestling or fledging stage?
9. Behavior:

10. Compare and contrast this nest/eggs/young with the Nest Cam nest: