

**Forestry Study Resource Cover Sheet - “Backyard Species”**

**3<sup>rd</sup> - 4<sup>th</sup> Grade**

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|---|---|
| 1. Tree Identification Basics                         | 5. Environment & Ecology Series: Renewable and Nonrenewable Resources |
| 2. Leaf Characteristics                               | 6. Environment & Ecology Series: Threatened, Endangered, & Extinct    |
| 3. Trees + Me = Forestry 4H Workbook – Chapters 3 & 4 | 7. Sample Backyard Species Fact Pack                                  |
| 4. From the Woods: Community Forests                  | 8. Sample Species Practice – 2024 (Backyard Species)                  |

**Species Practice: Backyard Species (Same Species as resources #7 & #8)**

*\*Please note: Students will be tested on 2 of these species using the study key provided. They will also be tested on two new/unknown species with a different key.*

**Deciduous Simple Leaves:**

1. Flowering Dogwood
2. Eastern Redbud
3. Silver Maple
4. Sycamore

**Deciduous Compound Leaves:**

5. Black Walnut
6. Poison Ivy

**Evergreen Leaves:**

7. American Holly
8. Eastern Hemlock
9. Eastern Redcedar
10. Eastern White Pine

**Focus**

1. Understand the leaf and tree characteristics needed to identify a tree using a key. Be able to use a simple key to identify a plant.
2. Be familiar with basic forestry concepts such as: how seeds are dispersed, the parts of a tree’s trunk, & environmental changes that can cause succession.
3. Understand the difference between renewable and non-renewable resources and examples of each.
4. Understand why living things become endangered, threatened, or extirpated and are familiar with examples of species in PA.
5. Be familiar with the benefits of having a community forest. Understand what an invasive species is. Know ways you can get involved in protecting your community forest.

**Sample Test Questions**

1. Which of the following are renewable resources?
  - a. **White-tailed Deer**
  - b. **Eastern White Pines**
  - c. Coal
  - d. Oil
2. True or **False**: All new trees come from seeds.
3. **True** or False: Habitat changes can cause harm to animals.

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