

Name: _____

Date: _____

Project: Habitat Food Chain

Purpose: To Build a Food Chain Pyramid using the Plants and Wildlife you have identified in your habitat.

Building a Food Chain Pyramid is a way of ranking the importance of a Plant or Animal Specie in your habitat. It is also a way of indicating the health of your habitat. A healthy habitat will have consumer groups in relative proportions to their position on a Food Chain Pyramid. That is to say that there will be more secondary consumers than tertiary consumers, and more primary consumers that secondary. We should see many more herbivores and omnivores that carnivores. By completing this project, you will learn about the Food Chain Pyramid, and get an idea as to the relative health of your Habitat.



Materials Needed:

1. Wildlife by Food Chain Level Report
2. Plant and Wildlife Markers
3. Computer or other Wildlife Research Media

Project:

1. Print the **Wildlife by Food Chain** Report 3 times.
Each report will have a different **Criteria for Consumer Group**:
 - i. Consumer Group = **Tertiary Consumer**
 - ii. Consumer Group = **Secondary Consumer**
 - iii. Consumer Group = **Primary Consumer**
2. Write the name on the line below of a Tertiary Consumer in your Habitat.

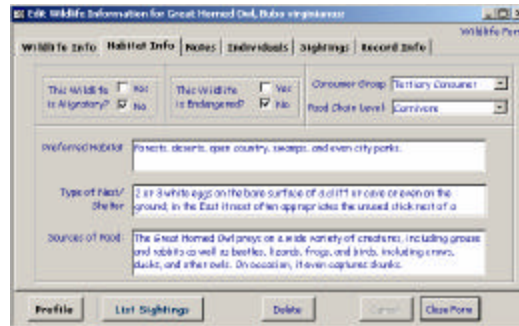
*If you have not sighted a Tertiary Consumer in your Habitat, then you will need to do some research to identify a Top Level specie that is found in your region. We recommend visiting http://www.enature.com/partners/nwf/localguide_nwf_display.asp, then enter your zip code.

When you have identified a Wildlife Specie that can be considered a Tertiary Consumer, you will need to enter that specie, and associated information into the Wildlife Screen in Habitat Tracker©.

Tertiary Consumer: _____

- Write the names of 3 Food Sources (all Wildlife, not Plants) of the specie you wrote on the line in Number 2 above. These species will fit into your Food Chain Pyramid as Secondary Consumers.

* If you entered information in the 'Sources of Food' textbox on the Wildlife Screen, Habitat Info Tab, that information will print on the Wildlife by Food Chain Report.



← Sources of Food Textbox

** Source of Information for Great Horned Owl: www.nwf.org

Secondary Consumer: _____

Secondary Consumer: _____

Secondary Consumer: _____

- On the lines below, write 2 Food Sources for each of the species you wrote down in number 3 above. These are your Primary Consumers (Wildlife) and Primary Producers (Plants).

Primary Consumers/Primary Producer:

- Create a Plant or Wildlife Marker for each of the species you have written on a line in Number 2, 3, or 4 above.

You may need to do some research on these species and enter or complete the information in Habitat Tracker© prior to printing your Markers. Associate a photo or clip art image to each record.

- Using the Food Chain Pyramid on the next page, place your Markers in their proper Food Chain Level.

Congratulations! You have created a Wildlife Food Chain Pyramid! Make sure your Markers are all securely fastened to the Pyramid. Place your diagram in the Wildlife Section of your Habitat Journal

Name: _____

Project: Habitat Food Chain

