

Lesson 1: Transparency 1.1

Two Different Pond Ecosystems



pond in southern Florida

http://gallery.usgs.gov/images/01_02_2009/vaq1TGf66N/medium/DSCN0115.JPG



pond near western illinois

http://www.wiu.edu/ies/graphics/vishnu_pond.jpg

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Simplified Pond Ecosystem:

	Organism	Type	Eats
1	Algae	Producer	(nothing, it makes its own food from carbon dioxide, water, and sunlight)
2	Bacteria	Decomposer	dead cells of all creatures
3	Daphnia (water flea)	Decomposer and Consumer	dead cells of all creatures and live Algae
4	Centipede	Decomposer	dead cells of all creatures
5	Tadpole	Consumer	Algae
6	Sedge	Consumer	Algae
7	Damselfly	Predator	Daphnia
8	Ant	Consumer	Sedge
9	Maned Geese	Consumer	Sedge
10	Lizard	Predator	Ant
11	Back Swimmer	Predator	Daphnia
12	Moth	Consumer	Sedge
13	Dragonfly	Consumer	Sedge
14	Frog	Predator	Ant, Moth, Dragonfly
15	Kookaburra bird	Predator	Frog, Centipede

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AMOUNT-OF-GRASSLAND	Bug Population Size at the end of the model run	Minimum to Maximum	Median
100%			