











# Data Sheet for Food Web Lesson

Name: \_\_\_\_\_





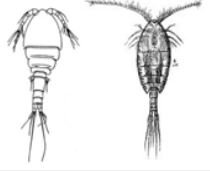

Treatment: \_\_\_\_\_

Macroinvertebrates		Size Range	Description	Feeds on	Number Found
<b>Notonectids ("Backswimmers")</b>  Phylum Arthropoda Class Insecta Order Hemiptera ("True Bugs") <i>Warning: May bite!</i>		0.5 to 2 cm	Varied coloration but often white, grey, yellow, and purple. Swims upside down on its back using oarlike hind legs.	Corixids Dragonfly Nymphs Damselfly Nymphs Mosquito Larvae Midge Larvae	
<b>Corixids ("Water Boatmen")</b>  Phylum Arthropoda Class Insecta Order Hemiptera		0.3 to 1.2 cm	Similar in general appearance to notonectids Do not swim upside down like notonectids Usually dark grey or brown with mottled coloration Often swim near the bottom and sides of ponds	Algae Aquatic Plants	
<b>Belostomatidae ("Giant Water Bugs")</b>  Phylum Arthropoda Class Insecta Order Hemiptera <i>Warning: Very painful bite!</i>		2 to 11 cm	Flattened body with dull green to grey coloration Large, raptorial forelegs Includes the largest true bugs in the world	Tadpoles Notonectids Corixids	
<b>Gerridae ("Water Striders")</b>  Phylum Arthropoda Class Insecta Order Hemiptera		0.2 to 1.5 cm	Walks or hops on the water surface Thin, long hind legs and short raptorial forelegs Thin body that is usually grey to black in color	Cladocerans Terrestrial Insects Mosquito Larvae	
<b>Aquatic Beetles - Adults</b>  Phylum Arthropoda Class Insecta Order Coleoptera ("Beetles")		0.2 to 4 cm	Hardened elytra that cover the abdomen Highly diverse and variable but most appear similar to familiar terrestria beetles Coloration is variable but often brown or black, sometimes with mottling	Tadpoles Dragonfly Nymphs Snails Damselfly Nymphs Mosquito Larvae Midge Larvae	
<b>Aquatic Beetles - Larvae</b>  <i>Warning: May bite!</i>		0.1 to 5 cm	Usually dull white, green, brown, or black in color Pincer-like mandibles Highly segmented body Crawls or moves in lunges	Tadpoles Dragonfly Nymphs Snails Damselfly Nymphs Mosquito Larvae Midge Larvae	
<b>Dragonfly Nymphs</b>  Phylum Arthropoda Class Insecta Order Odonata		1 to 4.5 cm	Grey, green, or brown colored Often crawl along the bottom and sides of ponds	Mosquito Larvae Midge Larvae Cladocerans Damselfly Nymphs	
<b>Damselfly Nymphs</b>  Phylum Arthropoda Class Insecta Order Odonata		1 to 3 cm	Grey, green, or brown colored More delicate than dragonflies Three gills at the tip of the abdomen	Mosquito Larvae Midge Larvae Cladocerans	
<b>Freshwater Snails</b>  Phylum Mollusca Class Gastropoda		0.2 to 7 cm	Covered by hard shell that is usually tan, brown, or black May have the shape of a ram's horn or a conch Typically walks slowly on the bottom and sides of ponds using a slimy foot	Algae	
<b>Mosquito Larvae</b>  Phylum Arthropoda Class Insecta Order Diptera		0.3 to 1.5 cm	Often hangs out at or near the water surface Swims in a wriggling motion Yellow or brownish to black color	Algae Protozoa Bacteria Copepods Cladocerans Rotifers	

# Data Sheet for Food Web Lesson (continued)

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Treatment: \_\_\_\_\_

Macroinvertebrates (continued)		Size Range	Description	Feeds on	Number Found
<b>Midge Larvae</b>  Phylum Arthropoda Class Insecta Order Diptera		0.3 to 1.5 cm	Similar movement and appearance to mosquito larvae Typically spends less time at the water surface and some species crawl on the pond bottom Usually more slender than mosquito larvae with a less developed head	Algae Protozoa Bacteria	
<b>Amphipods ("Scuds")</b>  Phylum Arthropoda Subphylum Crustacea		0.2 to 1 cm	Shrimplike in appearance with grey, green, or whitish coloring Crawls on bottom and sides of pond or swims on its side in the water	Algae	
Hydrachnidiae ("Water Mites")  Phylum Arthropoda Class Arachnida		0.4 to 3 mm	Looks similar to a terrestrial mite or tick Body is often globular and brightly red colored (can be grey or green) Swims clumsily by flailing its legs	Cladocerans Copepods	
<b>Metazoan Zooplankton</b>					
Cladocerans ("Water Fleas")  Phylum Arthropoda Subphylum Crustacea		0.1 to 2 mm	Typically light yellow to brown colored No visible segmentation Body covered by a carapace Large species often "hop" around the water while smaller species tend to swim continuously	Algae Protozoa Rotifers Bacteria	
Copepods  Phylum Arthropoda Subphylum Crustacea		0.3 to 2 mm	Often colorless, grey, or brown but can have accents of bright oranges, reds, and blues Most have long first antennae that are modified for locomotion Segmentation is visible	Algae Protozoa Cladocerans Copepods Rotifers	
Rotifers ("Wheel Animals")  Phylum Rotifera		0.05 to 0.5 mm	Often translucent or light yellow to brown colored Body is not rigid and often extends and contracts Extremely variable morphology, but generally "leech-like"	Bacteria Algae Protozoa	
<b>Find something not on the sheet?</b>					
<b>Name:</b>	<b>Drawing:</b>	<b>Size:</b>	<b>Description:</b>	<b>Feeds on:</b>	
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