

"A HOG WHAT?!": A Guide to Some Hudson River Terms

Before participating in one of Clearwater's magnificent programs, learn some environmental vocabulary! This will help connect you with your experience. Here's a list of some terms to help you with the environmental lingo.

ANADROMOUS – a type of fish that is born in freshwater but lives most of its life in saltwater.

BIOACCUMULATION – build up or collection of a substance, such as a toxic chemical, in various tissues of a living organism.

BRACKISH – a mixture of fresh and salt water.

CATADROMOUS – a type of fish that is born in saltwater but lives most of its life in freshwater.

CAUDAL FIN – responsible for propulsion; moves the animal forward.

DORSAL FIN – responsible for balance and stabilization.

EBB – a receding tide.

ECOLOGY – the study of the relationship between organisms and their environment.

ENDANGERED – threatened with extinction.

ESTUARY – an inland body of water where fresh and saltwater meet.

EXTINCT – no longer existing or living anywhere.

FOOD WEB – the interdependent system of organisms where one is eaten by a number of different organisms and those organisms in turn are eaten by a number of others and so on.

HOGCHOKER – a common flatfish found in the Hudson (see image below).

PECTORAL FIN – responsible for steering.

PLANKTON – aquatic organisms that drift with the currents; they begin the food web.

PRODUCER – a type of organism that uses the sun's energy to create its own food.

SALTFRONT – the leading edge of saltwater in an estuary.

SEINE – a net used to catch aquatic life that requires two people or two boats to drag it along.

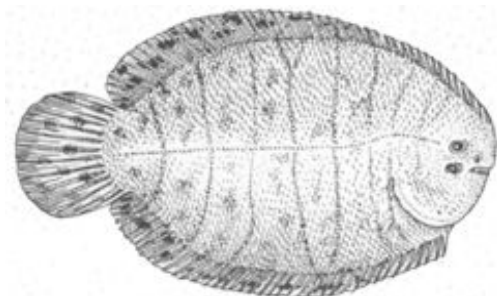
STURGEON – a protected prehistoric fish; two species found in the Hudson (see image below).

TIDE – the rise and fall of the ocean (or sometimes a river) caused by gravitational pull of the moon and sun.

TURBID – having sediment or other particles suspended in the water column.



Sturgeon



Hogchoker

Teachers: Here are some suggested vocabulary activities for you to use before your Clearwater experience.

- Work with a partner or partners. Develop charades for 5 of the words and do them with other groups in the class.
- Write each word two times each in a drawn outline of a hogchoker or sturgeon.
- Use ten of the words to create a paragraph titled "The Hudson River; My Beautiful Backyard".
- Do the matching activity found on the next page.
- Complete the "The Environmentalist's Crossword".



MATCH the words with their definitions!



a type of fish that is born in freshwater but lives most of its life in saltwater

EBB

build up or collection of a substance, such as a toxic chemical, in various tissues of a living organism

PRODUCER

a type of fish that is born in saltwater but lives most of its life in freshwater

SALTFRONT

CAUDAL FIN

responsible for propulsion; moves the animal forward

TURBID

responsible for balance and stabilization

ANADROMOUS

a receding tide

CATADROMOUS

the study of the relationship between organisms and their environment

PLANKTON

threatened with extinction

DORSAL FIN

no longer existing or living anywhere

a common flatfish found in the Hudson

STURGEON

responsible for steering

ECOLOGY

aquatic organisms that drift with the currents; they begin the food web.

ENDANGERED

a type of organism that uses the sun's energy to create its own food

SEINE

the leading edge of saltwater in an estuary

EXTINCT

a net that requires two people or two boats to drag it along for biological sampling

TIDE

a protected prehistoric fish; two species found in the Hudson

PECTORAL FIN

the rise and fall of the ocean caused by gravitational pull of the moon.

HOGCHOKER

having sediment or other particles suspended in the water column

BIOACCUMULATION



TEACHER'S COPY: Environmentalist's Crossword

	4.F	O	O	D	W	E	2.B		4.E		
							R		C		
							A		O		
							C		L		
			2.P	L	A	N	K	T	O	N	
							I		G		
							S		Y		
3.S							6.C	H			
A							A		5.P		
L			1.E	S	T	U	A	R	Y		
T			B			D		O			
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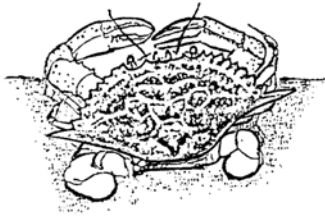
TT '05

Across

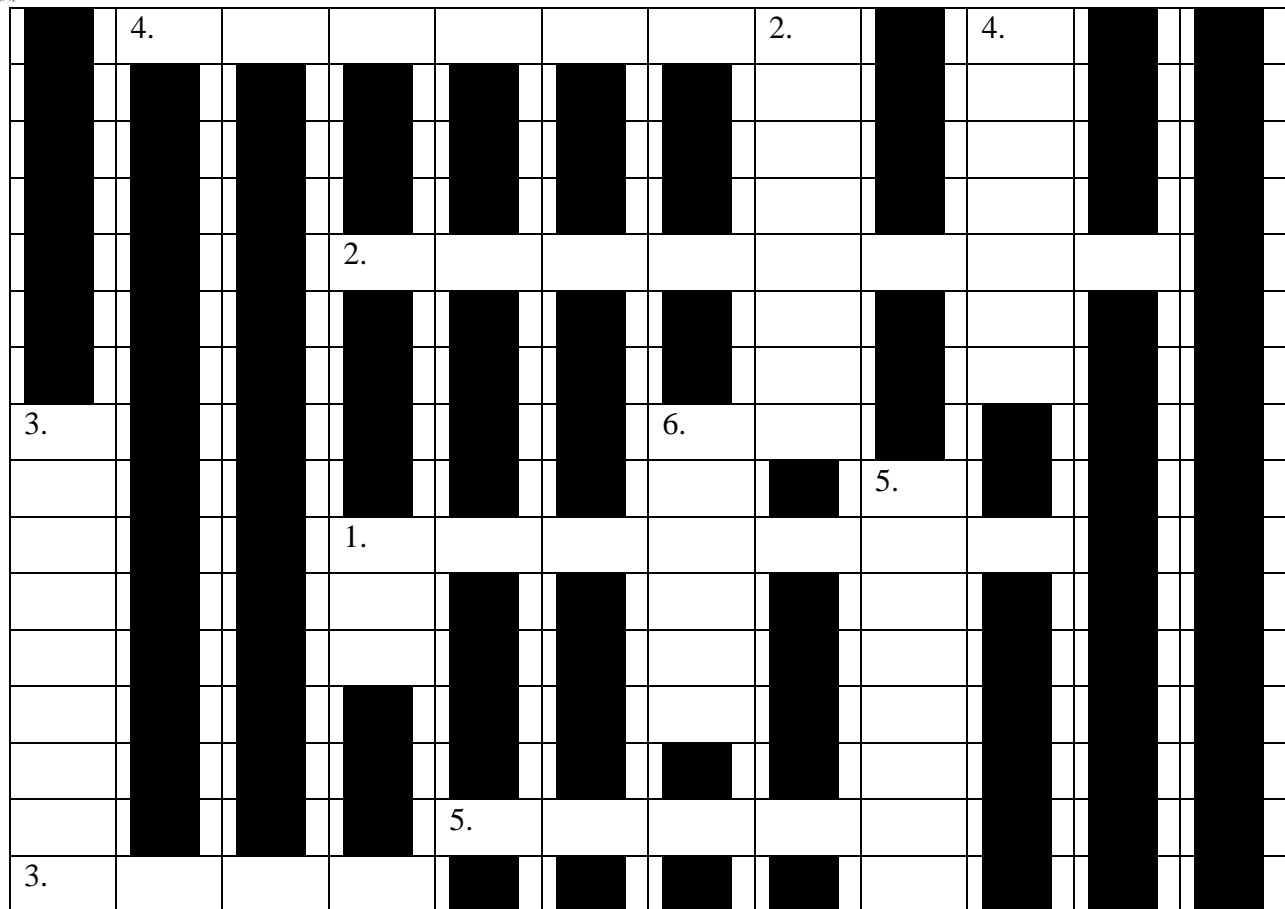
1. An inland body of water where fresh and salt water meet
2. Aquatic organisms that drift with the currents
3. The rise and fall of the ocean caused by gravitational pull of the moon and sun
4. The interdependent system of organisms where one is eaten by a number of different organisms and those organisms in turn are eaten by a number of others and so on
5. A net used to catch aquatic life that requires two people or two boats to drag it

Down

1. A receding tide
2. A mixture of fresh and salt water
3. The leading edge of saltwater in an estuary
4. The study of the relationship between organisms and their environment
5. A type of organism that uses the sun's energy to create it's own food
6. The fin responsible for moving forward



An Environmentalist's Crossword



TT '05

Across

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2. Aquatic organisms that drift with the currents
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