

VOCABULARY

Match the vocabulary term with the correct definition

Ballast	C
Blubber	E
Browse	D
Estrous	B
Graze	F
Turbid	A

A	cloudy with suspended matter
B	sexually receptive
C	weights often used to stabilize watercraft
D	to feed on leaves, twigs or other high-growing vegetation
E	insulating layer of fat
F	to feed on grass or low-growing vegetation

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Match the vocabulary term with the correct definition

Abiotic factors	O
Artesian spring	F
Aquifer	B
Biotic factors	N
Confining layer	G
Karst	C
Lentic	L
Lotic	M
Magnitude	H
Productivity	A
Recharge zone	E
Spring	D
Springshed	K
Watershed	J
Water table	I

A	the amount and rate of production which occur in an ecosystem over a given time period
B	an underground layer of water bearing permeable rock, rock fractures, or unconsolidated materials such as gravel, sand or silt.
C	describes a landscape formed from the dissolution of soluble rock such as limestone, dolomite or gypsum
D	a point of exit where ground water flows to the Earth's surface, becoming surface water
E	Permeable area where surface water can penetrate the aquifer, becoming ground water
F	a spring where water from a confined aquifer is pushed up through a hole in the Earth's surface under artesian pressure
G	a layer of non-permeable material
H	classification of the volume of spring flow
I	the upper boundary of an aquifer's zone of saturation
J	the area of land that drains or "sheds" water into a particular body of water, such as a river, lake or bay
K	a watershed for a spring
L	characterized by still water, like lakes, ponds and wetlands
M	characterized by flowing water
N	living things, like plants and animals
O	non-living things like water, geology and sunlight

QUIZ

Multiple Choice

Circle the correct answer or answers

1. The Florida manatee is related to

A.) dugongs

B.) sea lions

C.) elephants

D.) mermaids

2. The Florida manatee is a

A.) carnivore

B.) omnivore

C.) herbivore

D.) decomposer

3. Which of the following are threats to the Florida manatee?

A.) boat strikes

B.) red tide

C.) sharks

D.) cold water

4. Florida has _____ artesian springs.

A.) 73

B.) over 1,000

C.) over 10,000

D.) under 500

5. _____ is an underground layer of water bearing permeable rock, rock fractures, or unconsolidated materials such as gravel, sand or silt

A.) karst

B.) water table

C.) aquifer

D.) dugong

6. The Santa Fe River Basin is a global biodiversity hotspot for

A.) turtles

B.) fish

C.) water snakes

D.) freshwater eels

7. Springs are primarily important for manatees because of their

A.) warm water

B.) cold water

C.) lack of predators

D.) clear water

8. _____ are the largest consumers of aquifer water in Florida

A.) farmers

B.) bottled water companies

C.) industry

D.) residents like you and me

Fill in the Blank

Use the vocabulary words from the word bank below to fill in the correct term

Abiotic factors	Aquifer	Ballast	Biotic factors	Blubber	Browse	
Confining layer	Graze	Karst	Lentic	Lotic	Magnitude	Productivity
Recharge zone	Turbid	Watershed	Water table			

9. **Productivity**: the amount and rate of production which occur in an ecosystem over a given time period
10. **Magnitude**: classification of the volume of spring flow
11. **Graze**: to feed on grass or low-growing vegetation
12. **Water table**: the upper boundary of an aquifer's zone of saturation