Let's dive into the fascinating world of stone flies, shall we? These cool critters aren't much bigger than your thumb and are usually brown or black. They are covered in tiny hairs and have long, thin antennae that they use to explore their surroundings. You can also tell them apart from other bugs by their two sets of wings that fold flat over their bodies.



Remember those long antennae we talked about? They, along with the stone flies' six legs, are very important for helping them live in their favorite places - fast-moving streams and rivers! Stone flies are even happy spending some of their life under water, just like a fish! But don't worry, they also have a terrestrial stage where they get to explore the land too.

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Let's circle back to the human helper part, because stone flies are more important to us than you might think. Not only do they control other pest populations, but they also act as indicators for scientists to tell if a river or stream is clean and healthy. If there are lots of stone flies, it's a good sign that the water is clean. So, it turns out that these tiny critters play a big role in our world by helping to maintain balance in nature and keep our waters clean.



B. Hide

Solve each problem.

Use the article to answer the question.

1) What do stone flies do to avoid becoming a meal?

A. Play dead

C. Run away D. Release a toxin

2) Why are stone flies important for scientists studying rivers and streams?

A. They help scientists measure the speed of the water

B. They tell if a river or stream has fish

C. They indicate if a river or stream is clean and healthy

D. They tell scientists the temperature of the water

3) Where do stone flies like to live?

A. Desert and sand dunesB. Forests and treesC. Mountains and rocksD. streams and rivers

4) What do stone flies eat when they are adults?

A. Animal bloodB. Small stonesC. Other small insectsD. Dead leaves

5) What role do stone flies play for humans?

A. They help pollinate flowers

B. They help distribute seeds

C. They help control the population of other bugs

D. They purify water

6) What are stone flies covered in?

A. dots B. hairs C. stripes D. scales

7) What do stone flies eat when they are under water?

A. Other bugs and insectsB. Nuts and berriesC. Algae and bits of plantsD. Small fish and frogs

8) If there are lots of stone flies in a river or stream, what might that indicate?

A. The water is cleanB. The water is warmC. The water is dirtyD. The water is shallow

9) How many legs do stone flies have?

A. Four legs
C. Ten legs
D. Eight legs

10) How many sets of wings do stone flies have?

A. Two sets of wingsB. Three sets of wingsC. No wingsD. One set of wings

11) What color are most stone flies?

A. Red or blueB. Purple or orangeC. Green or yellowD. Brown or black



Determine if the statements is something the animal would say (W) or it it is not something the animal would say (N).

- 12) "I have no hair."
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- 18) "I can spend part of my life underwater, just like a fish!"
- 19) "I'm useful to humans—I eat other pests and help keep things balanced."
- **20**) "I'm not a big creature, only the size of your thumb."
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- 23) "My favourite snack is always algae, no matter my age."
- 24) "Unlike many other insects, I am very comfortable in fast-moving streams and rivers."
- 25) "I am a carnivore and I don't eat plants."
- 26) "During my early life, when I'm living in the water I eat plants."
- 27) "Sometimes I pretend to be dead to avoid getting eaten by predators."
- 28) "I help control the population of other insects by eating them."
- **29**) "I love to live in quiet, slow-moving waters."
- 30) "I am covered in tiny hair and have very long, thin antennae that I use to navigate."
- 31) "If you see a lot of me around, that means the water is clean."

Determine if the statement is a fact or opinion based on the information in the article.

- 32) Stone flies change their diet from algae and tiny plants to smaller insects as they grow up.
- 33) The fact that stone flies play dead to avoid predators is really cool.
- **34)** Stone flies spend a part of their life under water.
- 35) It's really cool how stone flies change their diet as they grow.
- **36)** Stone flies have long, thin antennae and two sets of wings.
- 37) Stone flies are even cooler than butterflies because they can live in fast-moving streams.
- **38)** Stone flies sometimes play dead to escape being eaten.
- **39**) Stone flies have a preference for living in fast-moving streams and rivers.
- **40**) Stone flies are cute with their long, thin antennae.
- 41) Stone flies are remarkable as they can live both in water and on land.

Determine if the statement is true or false.

- **42**) Stone flies have two sets of wings.
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- **45**) Stone flies like to live in slow-moving creeks.
- **46**) Stone flies can play dead to avoid predators.
- 47) In their aquatic stage, stone flies eat only small insects.
- **48**) Stone flies are considered pests by humans.
- **49**) If there are no stone flies in a river, it means the water is clean.
- **50**) Stoneflies live in fast-moving streams and rivers.
- 51) Stone flies can live underwater.

Determine which choice is the expanded form of the underlined contraction.

52) Stoneflies aren't pests.

A. can not B. are not C. will not D. are able

53) They don't harm humans or plants.

A. do not B. did not C. does not D. will not

54) Stoneflies <u>can't</u> live in polluted water.

A. can liveB. should liveC. will liveD. cannot

55) <u>It's</u> important to protect their habitats.

A. It is

C. It am

D. It has

56) They're found in rivers and streams.

A. They amB. They wereC. They areD. They is

Determine if the sentence is a declarative(d), exclamatory(e), interrogative(i) or imperative(m).

- 57) Stoneflies are a beloved food source for a variety of birds and fish, it's amazing how nature works!
- **58**) Describe what stone flies eat.
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- 60) These insects have been around since the Paleozoic era, that's simply astonishing!
- 61) Stoneflies help keep the water clean by feeding on dead leaves and other plant materials.
- **62**) Where do stoneflies live?
- 63) Stoneflies are not harmful to humans as they do not bite or sting.
- **64)** Are stoneflies harmful to humans?
- 65) Stoneflies live near rivers, streams, and other bodies of water.
- 66) Observe the behavior of stone flies in their natural habitat.
- 67) It's great to know that stoneflies are not harmful to us!



Stone Flies

Name:

68) Look for stone flies when you're near rivers or streams!

Stone Flies

Name:

1.	 26.	 51.		
2.	 27	 52.		
3.	28.	53.		
4.	29.	54.		
5.	30.	55.		
6.	31.			
7.	32.			
8.				
	- -			
9.	34	 59.		
10.	 35.	 60.		
11.	 36.	 61.		
12.	 37	 62.		
13.	 38	 63.		
14.	 39.	 64.		
15.	 40.	 65.		
16.	 41.	 66.		
17.	 42.	 67.		
18.	 43.	 68.		
19.	 44.			
20.	 45.			
21.	 46.			
22.	 _ 47. <u>_</u>			
23.	 48.			
24.	49.			
25.	50.			

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Solve each problem.

Use the article to answer the question.

1) What do stone flies do to avoid becoming a meal?

A. Play dead B. Hide

C. Run away D. Release a toxin

2) Why are stone flies important for scientists studying rivers and streams?

A. They help scientists measure the speed of the water

C. They indicate if a river or stream is

clean and healthy

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3) Where do stone flies like to live?

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Answer Key

Name:

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Stone Flies Name: Answer Key

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 C. It am

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Name: Answer Key

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Stone Flies

Name: Answer Key

1.	A	. 26.	true	51.	true
2.	C	. 27.	true	52.	В
3.	D	28.	true	53.	A
4.	C	29.	false	54.	D
5.	<u> </u>	30.	true	55.	A
6.	В	. 31.	true	56.	C
7.	C	. 32.	fact	57.	exclamatory
8.	<u>A</u>	. 33.	opinion	58.	imperative
9.	В	. 34.	fact	59.	interrogative
10.	A	35.	opinion	60.	exclamatory
11.	D	36.	fact	61.	declarative
12.	false	. 37.	opinion	62.	interrogative
13.	false	38.	fact	63.	declarative
14.	true	. 39.	fact	64.	interrogative
15.	false	40.	opinion	65.	declarative
16.	false	41.	opinion	66.	imperative
17.	false	42.	true	67.	exclamatory
18.	true	43.	false	68.	imperative
19.	true	. 44.	true	-	
20.	true	45.	false	-	
21.	false	46.	true	-	
22.	false	. 47.	false	-	
23.	false	48.	false	-	
24.	true	49.	false	-	
25.	false	50.	true	-	



Solve each problem.

Use the article to answer the question $$	Jse	the	articl	e to	answer	the	question
sse the article to all swell the question	Jse	the	article	e to	answer	the	question

1) What do stone flies do to avoid becoming a meal? (paragraph 3)

A. Play dead

C. D.

2) Why are stone flies important for scientists studying rivers and streams? (paragraph 4)

A. B. They tell if a river or stream has fish

Β.

C. They indicate if a river or stream is D. clean and healthy

3) Where do stone flies like to live? (paragraph 2)

A.B. Forests and treesC.D. streams and rivers

4) What do stone flies eat when they are adults? (paragraph 3)

A. Animal blood

C. Other small insects D.

5) What role do stone flies play for humans? (paragraph 3)

A. They help pollinate flowers B.

C. They help control the population of D. other bugs

6) What are stone flies covered in? (paragraph 1)

A. dots B. hairs

C. D.

7) What do stone flies eat when they are under water? (paragraph 3)

A. B. Nuts and berries

C. Algae and bits of plants D.

8) If there are lots of stone flies in a river or stream, what might that indicate? (paragraph 4)

A. The water is clean B. The water is warm

C. D.

9) How many legs do stone flies have? (paragraph 2)

A. B. Six legs

C. D.

10) How many sets of wings do stone flies have? (paragraph 1)

A. Two sets of wings

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C. D.

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Determine if the statements is something the animal would say (W) or it it is not something the animal would say (N).

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