



塑料如何慢慢杀死我们的海洋生物、鱼和鸟？

1 BBC 纪录片《蓝色星球 2》（Blue Planet II）制作团队说，在海上拍摄期间，几乎很少有看不到塑料的时候。

该片第三集集中介绍塑料如何影响海洋生物。制作助理莎拉·康纳尔（Sarah Conner）告诉 BBC，几乎每一次下潜，我都能发现某种塑料，有时候是塑料渔线，有时候是糖果包装，有时候是塑料瓶。

“乘船行驶在开阔的海面，如果看到塑料垃圾，我们总会尽最大的努力打捞起来带走。所有热爱海洋的人都会这样做的。”

在《蓝色星球 2》第三集中，观众看到一个玳瑁龟被困在塑料袋中。这一次，它的运气很好。摄影师拉斐尔（Rafa Herrero Massieu）费了一番功夫、将玳瑁龟解放出来，它毫发无损地游走。莎拉说，有些科学家认为，海洋生物被困在塑料中是海洋面临的最严重的人为威胁。

不过，《蓝色星球 2》的第七集将关注另外一个威胁：塑料微粒或许对海洋生物吸收工业污染物有影响。制作人员介绍，塑料微粒或许会造成海洋生物吸收更多的污染物，这可能会让大型食肉动物——比如领航鲸——受到更加严重的化学污染。

莎拉告诉 BBC，现在，海洋中的塑料微粒“无处不在，大批海洋生物吞吃.....甚至在我们地球最深、最深的地方、玛丽亚娜海沟都有塑料微粒，”她说，科学家非常有必要对塑料微粒作更多的研究。

奇怪的是，通常，最为偏僻、遥远的岛上，塑料污染最为严重。据制作人员介绍，这是海洋环流造成的。环流将塑料聚积在每一个大洋的中央，形成巨大的“垃圾场”。制作人员告诉 BBC，塑料污染海洋是一个世界性的问题，需要世界性的解决方法。

BBC 纪录片《蓝色星球》：英国广播公司 BBC 于 2001 年推出纪录片《蓝色星球》，探索海洋奥秘。《蓝色星球 2》共 7 集，2017 年 10 月 29 日开始播出。

25 有时，看到塑料危及海洋动物，制作团队会出手相助。莎拉说：“我看到过死鸟，腿困在塑料袋里，不能飞，不能觅食，估计是饿死的。我看到过一只菱皮龟，被困在捕鱼用的绳子里，死了。”以前有过广泛报道，误吞塑料导致许多海洋生物死亡，包括海龟、信天翁。

有一次，在英属哥伦比亚以外海域，《蓝色星球 2》制作团队帮助解救了一头被困的坐头鲸。当时，坐头鲸身后拖着长达几乎一公里的渔网绳，只能挣扎着往前游。摄影师拉斐尔介绍说，他们用了九个小时的时间解救这头坐头鲸，直到把所有的绳子都清理干净、坐头鲸能畅快地游泳。他说：“对我们来说，最
30
33 难应对的是感情。鲸鱼的悲哀，我们能感受到。”

Word List

- 下潜 v. to dive, submerge
- 开阔 adj. wide open (space)
- 玳瑁龟 n. Hawksbill turtle
- 毫发无损 adv. Unscathed
- 领航鲸 n. pilot whale
- 吞吃 v. (here) to swallow
- 玛丽亚娜海沟 n. Mariana Trench
- 海洋环流 v. Ocean's currents
- 坐头鲸 n. Humpback Whale
- 菱皮龟 n. Leatherback sea turtle

Questions

	Marks
Re-read lines 1- 5:	
1. What did the production team mention was difficult about filming?	1
2. When Sarah Conner goes diving what does she see?	4
Re-read lines 6-11:	
3. What do people who love the ocean do?	2
4. What did we see in the third episode of "Blue Planet 2" ?	1
5. Why was the animal lucky?	2
6. What is the most serious man-made threat the ocean is facing?	1
Re-read lines 12-15:	
7. What was the other threat that the 7 th episode of "Blue Planet 2" focus on?	2
8. What does the production staff say about this issue and how does it effects Pilot whales?	2
Re-read lines 19- 22:	
9. Where is plastic pollution the most serious and what is the reason for this?	2
10. What is forming in the middle of the ocean?	1

Re-read lines 25- 28:

11. What has Sarah seen? 4

Re-read lines 29- 33:

12. What was wrong with the pilot whale and how did the production team save it? 3

Now consider the article as a whole:

13. What is the writer's overall purpose in writing about this subject? 7
Justify your response with close reference to the points made and
The language used.

14. Translate the underlines section into **English**: (lines 16-18) 20

Total: 52 marks

The Answer Scheme is on the following page

Answer Scheme

Q No.	Expected Response	Max Mark
1.	- There was (only) a few times that plastic was not visible/ one could not see plastic (1)	1
2.	- She can find some kind of plastic (1) plastic fishing line (1) candy wrappers/packaging (1) plastic bottles (1)	3
3.	- If we see plastic rubbish (1) we always try our best to grab it/salvage it and take it away (with us) (1)	2
4.	- A Hawksbill turtle trapped in a plastic bag (1)	1
5.	- The photographer/ Rafa Herrero Massieuz took great effort (1) to free the Hawksbill turtle (1) and it left/wandered off unscathed (1)	2
6.	- Marine life being trapped in plastic (1)	1
7.	- Plastic particles in the ocean (1) and it's impact on marine life (1)	2
8.	- Plastic particles may cause marine life to absorb more pollution/pollutants (1) exposing (large carnivores such as) to more dangerous/serious chemical pollution (1)	2
9.	- It is most serious on the most remote islands (1) which is caused by the ocean's currents (1)	2
10.	- A huge/gigantic heap of rubbish (1)	1
11.	- Dead birds with their legs trapped in plastic bags (1) who are unable to fly or find food (1) and starved to death (1) Leatherback sea turtle trapped in fishing line (1) dead (1)	4
12.	- The Humpback whale was dragging almost a kilometre-long fishing net (1) and was struggling to swim forward (1) it took them 9 hours to rescue the whale (1) and it wasn't until they cut all the ropes could the whale swim freely (1)	3
13.	1. The writer wants to bring more awareness to the issue of plastic pollution in the world's oceans.	7 7 or 5: Clear, concise and reflective answer, drawing references from the text

	<p>2. The writer wants to bring more attention to how prolific plastic pollution is and widespread the problem is.</p> <p>3. The writer wants to emphasise this issue by showcasing the experiences of the film crew of "Blue Planet 2" where almost every time they dived to film they found plastic rubbish.</p> <p>4. The writer uses quotations from the experiences of the film crew and divers to field to link this article to the real world and not just to the science.</p> <p>5. Real life examples of quoted experiences of animals in distress or dying due to plastic pollution shows that the writer supports the idea that plastic pollution is a severe issue.</p> <p>6. The issue of pollution, specifically plastic pollution, is severe and widespread across the world; by showcasing that even film makers, not just conservationists, are disgusted by the amount of plastic pollution showcases how wide this issue truly is.</p>	<p>that are entirely appropriate, analytical in nature which demonstrate a sophisticated and accurate reading of the text.</p> <p>3 or 1:</p> <p>Provided an answer which may contain some degree of misreading, but which offers some evidence of appropriate inferencing skills.</p> <p>0:</p> <p>Simply regurgitating information from the text with no attempt to draw references.</p>
<p>14.</p>	<p><u>莎拉告诉 BBC，现在，海洋中的塑料微粒“无处不在，大批海洋生物吞吃.....甚至在我们地球最深、最深的地方、玛丽亚娜海沟都有塑料微粒，”她说，科学家非常有必要对塑料微粒作更多的研究。</u></p> <ul style="list-style-type: none"> - Sara told the BBC that... - Plastic particles are everywhere in the ocean.... - And are swallowed in large quantities... - By marine life/marine animals... - Even in the deepest parts of our planet/ earth... 	<p>20</p> <p>The translation into English is allocated 20 marks. The text for translations will be divided into numbers of sense units. Each sense unit is worth 2 marks, which will be awarded according to the quality and accuracy of the translation into English. In assessing the candidate's performance, the descriptions detailed below will be used. Each sense unit will be awarded one of the marks shown.</p> <p>2 - Good: Essential information and relevant details are understood and conveyed clearly and accurately, with appropriate use of English.</p> <p>1- Satisfactory: Essential information is understood and conveyed clearly and comprehensibly, although some of the details may be</p>

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	<ul style="list-style-type: none">- The Mariana Trench,- there are plastic particles...- She said.- It is extremely/very necessary that...- Scientists do more research on...- Plastic particles.	<p>translated in an imprecise or inaccurate manner. The key message is conveyed in spite of inaccuracies and weaknesses in the use of English.</p> <p>0- Unsatisfactory: The candidate fails to demonstrate sufficient understanding of the essential information.</p>
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