

CNN News Highlights — Sea Turtles

1) disruptive	2) face	3) hatchlings	4) prey	5) safe haven	6) threats
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It is time for 10-second trivia: The _____ of what animal have only a one in 1,000 survival rate in the wild? Is it penguins, alligators, sea turtles, or ostrich?

The right answer here is sea turtles. They _____ a number of dangers like _____ and pollution, and all seven species are endangered.

With sea turtles facing so many _____, efforts to protect them are underway. One island on the coast of Georgia has become a _____ for sea turtles. During nesting season, only red lights are allowed on the beach at night because other light colors can be _____ to hatchlings.

CNN's Elisa Raffa gives us a look at the most robust sea turtle conservation effort in the country.

1) disorient	2) emerged	3) glow	4) got stuck	5) nighttime patrols	6) trek
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A _____ from sand to sea.

Someone _____ in a footprint, but he made it out.

Leaving behind their own tracks as they follow the _____ of the moonlight.

We don't want to use any other type of white light that could _____ them or confuse them.

The red lights guide experts on _____ as they check on nests.

All these little markings, these are all crabs.

And other signs in the sand.

We're looking for large turtles coming from the ocean, the tracks left by one as they _____, or hatchling tracks, which are much, much smaller. We are just about to get on to Driftwood Beach.

1) eroding habitats	2) excavate	3) loggerhead sea turtles	4) monitoring	5) respond	6) robust
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Scientists and students have been _____ the beaches of Jekyll Island, Georgia for more than 50 years.

Today, Davide Zailo and his research team continue that work on one of the most _____ sea turtle conservation programs in the country.

Sea turtles really _____ to temperature, so the experts here do a lot of patrols late at night and early in the morning, when those temperatures are coolest.

More intense storms and higher seas could flood these nests more often, _____ moms need to lay these eggs.

Let's get back down in there and confirm that we have eggs. And we do. Here there's a lot of _____ egg. We're going to let them safely _____. Now that we know exactly where that egg chamber is, we'll put a flag here.

Grab some managed materials. And we're going to put this right center over this nest.

1) arrest	2) endangered species	3) feat	4) halt	5) imbalanced gender ratio	6) incubating
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A mom can lay more than a hundred eggs at a time, but for every 1,000 eggs laid, only one hatchling makes it to adulthood, an increasingly difficult _____ due to climate change.

Are they coming up faster because it's getting warmer?

Yes, so you certainly see that, but there is -- there's an upper limit where it's going to be too hot, and that development is actually going to _____ and _____.

Eggs _____ in an environment temperature cooler than 82 degrees hatch male, hotter than 88 degrees hatch female.

As our climate warms and many more eggs are hatching as female, creating an _____ for an already _____.

1) beforehand	2) coast	3) proactively	4) reducing plastic	5) regulating coastal development	6) resiliency
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We just have to be ready, prepare as best as we can, and learn as much as we can about these animals _____, so we can _____ try to improve management and improve _____ here across the _____.

_____, _____ and paying attention while boating and fishing are huge steps that help these little ones take more of these steps.

Translation

現在是 10 秒問答時間：哪種動物的幼崽在野外的存活率只有 1/1000？是企鵝、短吻鱷、海龜還是鴛鴦？
正確答案是海龜。牠們面臨許多危險，像是天敵和污染，而且所有七種海龜都屬於瀕危物種。
隨著海龜面臨這麼多威脅，保護牠們的努力也在進行中。在喬治亞州海岸的一個島嶼上，已成為海龜的安全避風港。在繁殖季節，夜晚的沙灘上只允許使用紅燈，因為其他顏色的燈光可能會對幼龜造成干擾。
CNN 的 Elisa Raffa 帶我們了解美國最全面的海龜保育行動。
一場從沙灘到海洋的旅程。
有一隻小龜被困在腳印裡，但牠成功脫困了。
牠們留下自己的痕跡，隨著月光的指引前進。
我們不想使用其他會讓牠們迷路或混淆的白燈。
紅燈引導著專家進行夜間巡邏，檢查龜巢。
這些小痕跡都是螃蟹留下的。
還有其他沙灘上的跡象。
我們在尋找從海洋上岸的大海龜、牠們留下的痕跡，或者是更小的幼龜痕跡。我們現在正準備進入 Driftwood 海灘。
科學家和學生們已經監測喬治亞州傑基爾島的海灘超過 50 年了。
今天，Davide Zailo 和他的研究團隊繼續在這裡開展全美最全面的海龜保護計劃之一。
海龜對溫度非常敏感，因此專家們會在夜間和清晨溫度最低的時候進行大量巡邏。
更猛烈的風暴和更高的海平面可能會更頻繁地淹沒這些巢穴，侵蝕母龜產卵所需的棲息地。
我們要深入確認一下是否有蛋。確實有！這裡有很多赤蠵龜的蛋。我們會讓牠們安全孵化。現在我們知道蛋室的確切位置後，會在這裡插上一面旗子。拿一些管理材料，我們會把它放在這個巢的中央。
一隻母龜一次可以產下超過一百顆蛋，但每 1000 顆蛋中，只有一隻幼龜能存活到成年。由於氣候變遷，這是一個越來越困難的挑戰。
牠們因為變暖而更快孵化嗎？
是的，這確實會發生，但也有一個上限，溫度太高的話，發育其實會停止。
蛋在 82 華氏度以下的環境中孵化出雄性，在 88 華氏度以上則孵化出雌性。
隨著氣候變暖，更多的蛋孵化出雌性，導致這個已經瀕危的物種性別比例失衡。
我們必須做好準備，儘可能地了解這些動物，才能主動改善管理並提高沿海地區的韌性。
減少塑膠垃圾、規範海岸開發，以及在船隻航行和捕魚時保持警惕，都是幫助這些小龜更好生存的關鍵步驟。這些小而強壯的海龜曾與恐龍一同漫步地球，如今牠們正面臨氣候變暖和海岸變遷的最嚴峻考驗，努力尋找回家的路。



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Answers

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A 6) trek from sand to sea.

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Leaving behind their own tracks as they follow the 3) glow of the moonlight.

We don't want to use any other type of white light that could 1) disorient them or confuse them.

The red lights guide experts on 5) nighttime patrols as they check on nests.

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Today, Davide Zailo and his research team continue that work on one of the most 6) robust sea turtle conservation programs in the country.

Sea turtles really 5) respond to temperature, so the experts here do a lot of patrols late at night and early in the morning, when those temperatures are coolest.

More intense storms and higher seas could flood these nests more often, 1) eroding habitats moms need to lay these eggs.

Let's get back down in there and confirm that we have eggs. And we do. Here there's a lot of 3) loggerhead sea turtle egg. We're going to let them safely 2) excavate. Now that we know exactly where that egg chamber is, we'll put a flag here. Grab some managed materials. And we're going to put this right center over this nest.

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As our climate warms and many more eggs are hatching as female, creating an 5) imbalanced gender ratio for an already 2) endangered species.

1) beforehand	2) coast	3) proactively	4) reducing plastic	5) regulating coastal development	6) resiliency
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We just have to be ready, prepare as best as we can, and learn as much as we can about these animals

1) beforehand, so we can 3) proactively try to improve management and improve 6) resiliency here across the 2) coast.

4) Reducing plastic, 5) regulating coastal development and paying attention while boating and fishing are huge steps that help these little ones take more of these steps.