

# MOVIES: SEAMOUNTS AND ATOLLS

NAME \_\_\_\_\_ hour \_\_\_\_\_

## Seamounts | National Geographic

<https://www.youtube.com/watch?v=0NUaxdxt2sE>

1. Seamounts disrupt the smooth flow of the \_\_\_\_\_.
2. The downward jet carries \_\_\_\_\_ down to the summit which feeds many different creatures.
3. A seamount is an oasis of \_\_\_\_\_ in the open ocean.
4. Much of the open Pacific is \_\_\_\_\_ of life, but above \_\_\_\_\_ life is abundant.
5. There are more than \_\_\_\_\_ seamounts in the Pacific.

## California seamount series- episode 1: What is a Seamount

<https://www.youtube.com/watch?v=FwqgcYWFQ30>

6. Seamounts are essential to \_\_\_\_\_ on earth.
7. Seamounts are so large and heavy that over millions of years their weight \_\_\_\_\_ them into the ocean depths
8. More than 10,000 \_\_\_\_\_ dot the ocean floor.
9. The lifeforms need the \_\_\_\_\_ slopes of seamounts to survive and grow.
10. Ocean currents take \_\_\_\_\_ up past seamount slopes seeding surface waters with food for life.
11. Seamounts are \_\_\_\_\_ to human threats.

## California seamount series- episode 2: California seamounts

<https://www.youtube.com/watch?v=hthFpl5xUtw>

12. Corals and sponges use the \_\_\_\_\_ surfaces for clinging and growing.
13. Schools of fish visit to feed and use seamounts for \_\_\_\_\_.
14. Seamounts intercept currents making waters above them more \_\_\_\_\_.
15. None of the California seamounts are \_\_\_\_\_ protected.

## California seamount series- episode 3: The Octopuses Garden

<https://www.youtube.com/watch?v=JInBJ9ZzFd8>

16. The octopuses enjoy the warmth of \_\_\_\_\_ activity.
17. Davidson seamount is protected from fishing, \_\_\_\_\_ and \_\_\_\_\_ drilling, but the other 62 seamounts are not.

## California seamount series- episode 4: Biodiversity of Seamounts

[https://www.youtube.com/watch?v=85Vm\\_RU3H0c](https://www.youtube.com/watch?v=85Vm_RU3H0c)

18. Deep sea reefs are highly \_\_\_\_\_.
19. Many of the discoveries of the deep ocean hold promise for \_\_\_\_\_ innovations.

## California seamount series- episode 6: Impacts of Bottom Trawling and Derelict Gear

<https://www.youtube.com/watch?v=J7P8ZhTDjPs>

20. The oldest known living organism is a deep-sea sponge that is \_\_\_\_\_ years old.
21. Corals that years to reach sexual \_\_\_\_\_ and spawn infrequently.
22. The deep-sea fishing method that drags a net over miles of seafloor is called \_\_\_\_\_.
23. A new interest in deep sea \_\_\_\_\_ may drive new destruction to precious seamounts.
24. Seamount ecosystems destroyed by trawling or \_\_\_\_\_ may have little chance to recover.

## Birth of an Atoll

<https://www.youtube.com/watch?v=pRD8ZwdPYsY>

25. It can take up to \_\_\_\_\_ million years to create an atoll
26. Once the \_\_\_\_\_ is above the water it is officially an \_\_\_\_\_.
27. The volcano goes \_\_\_\_\_.
28. The \_\_\_\_\_ grow and form a fringing reef around the islands.
29. The island begins to \_\_\_\_\_, but the corals remain.
30. The wide band of water between the island and the reef is called a \_\_\_\_\_.
31. The extinct volcano is now completely \_\_\_\_\_, but the corals are still \_\_\_\_\_.
32. Once the original island is gone and nothing but reef remains in a circle, we call it an \_\_\_\_\_.
33. In \_\_\_\_\_ water coral reefs flourish.