

# So Spider So What 57: Arachnid Diversity in the Deep Sea

The deep sea is a vast and mysterious realm, home to a myriad of creatures that have adapted to survive in the extreme conditions of darkness, high pressure, and cold temperatures. Among these creatures are spiders, which have long been known to inhabit the shallow waters of the ocean. However, it was not until the So Spider So What 57 expedition that scientists discovered the incredible diversity of spiders that live in the deep sea.



## So I'm a Spider, So What? #57.2 by Okina Baba

★★★★☆ 4.5 out of 5

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## The So Spider So What 57 Expedition

The So Spider So What 57 expedition was a joint venture between the National Oceanic and Atmospheric Administration (NOAA) and the University of California, Santa Barbara. The expedition took place in 2010 and explored the deep sea off the coast of California.

The expedition team used a variety of techniques to collect spiders, including traps, nets, and submersibles. They collected spiders from a wide

range of depths, from the shallow waters of the continental shelf to the abyssal depths of the ocean floor.

## **The Results of the Expedition**

The So Spider So What 57 expedition collected a total of 1,005 spiders, representing 117 different species. This was a significant increase over the number of spider species previously known to inhabit the deep sea.

The expedition also discovered that spiders are more diverse in the deep sea than in the shallow waters of the ocean. This suggests that the deep sea may be a center of spider diversity.

## **The Significance of the Expedition**

The So Spider So What 57 expedition was a major breakthrough in our understanding of spider diversity. The expedition revealed that the deep sea is home to a rich and diverse community of spiders.

The expedition also provided new insights into the evolution of spiders. The spiders collected by the expedition exhibit a variety of adaptations that allow them to survive in the deep sea. These adaptations include long, slender legs, large eyes, and a reduced body size.

The So Spider So What 57 expedition was a major milestone in the exploration of the deep sea. The expedition provided new insights into the diversity and evolution of spiders and helped to deepen our understanding of the deep sea ecosystem.

The So Spider So What 57 expedition was a remarkable achievement in the field of marine biology. The expedition revealed the incredible diversity

of spiders that live in the deep sea and provided new insights into the evolution of spiders. The expedition also helped to deepen our understanding of the deep sea ecosystem.

The So Spider So What 57 expedition is a testament to the power of scientific exploration. The expedition showed us that there is still much to learn about the deep sea and its inhabitants. The expedition also reminded us that the deep sea is a vast and important ecosystem that is worthy of our protection.



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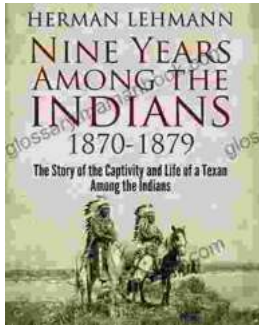
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