



# Bocas ARTS

Video Transcript

## Why Study Sea Anemones?

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- Sea anemones belong to the phylum Cnidaria.
- These include animals like jellyfish, sea anemones, corals, gorgonians. Although they look like plants, they are animals.
- The most amazing thing about these animals is that they are relatively very simple, they only have two layers of cells, no organs, no systems, and they are amazingly diverse.
- They are diverse in every aspect of their life. They have colonized every marine environment in this world, from the very shallow waters and the intertidal, to the deepest trench in this world, up to 11 kilometers below the surface.
- They are diverse in their biology. They can reproduce asexually, sexually within the asexual reproduction, and they can reproduce every way you can think about.
- Similarly, they can eat anything they can catch onto.
- And they also have very complicated behaviors, although they are fixed, usually to the seafloor. If they see that is necessary, they can detach themselves and swim.
- They are very aggressive, actually, they fight in between them and with other organisms.
- And what really interests me is how being so simple, you can acquire all this diversity.



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