Biospheres of Southern Islands
What Is a Biosphere?

1. Biosphere can include all of the following, along with the 10 million species of living things they contain. The biosphere recycles its air, water, organisms and minerals constantly to maintain an amazingly balanced state; human being should probably do their best to imitate it.

2. Portion of the earth that supports live
   1. Goes from the top of the atmosphere to the bottom of the ocean
   2. Supports a wide variety of organisms
Pacific Ocean

Pacific Biosphere
Atlantic Ocean
Galopagos Islands

1. Located about 1000 miles west of Ecuador
2. Totally isolated from predators of the island life that exists
3. One can walk with the tortoises as well as the lizards
4. One can also stand toe to toe to a Booby Bird
5. No fear of the wild life or anything else because they are not exposed to danger
Map of the Galapagos Islands
Nice Lizard
All These Things Are The Galapagos Islands – Darwins Playground
Overview of Galapagos
Here is a more detailed look

The Galapagos Islands
So in Summary

• This biosphere contains salt and fresh water, fresh air, many species of non-competing plants and animals, no predators, and no competition from man and his wants and needs.
1. Rottnest Island sits just offshore from the city of Perth. It is home to the Quokka, a small wallaby-like marsupial.

2. White sand beaches and secluded coves include the Basin, with its shallow waters, and Thomson Bay.

3. Here and only here does this little fellow live. His biosphere is only 7.3 square miles but he has no predators and an ample food supply.

4. His biosphere is very small and one of the smallest known and very limited in the kinds of food and habitat that sits this little critter.
Home to the Quotto
Home To These Little Marsupials Called Quokka
Antarctica

- Believe it or not this biosphere is open to many critters. Some on land, some on ice, and some in the icy waters. Because there is very little human travel to the area below the ice, they are quiet and beautiful plants and animals. They take there harsh environment is taken in stride.
- The clips coming up I think will show what I mean.
- If we go to the surface, there is a relatively symbiotic relationship up there also
Under All The Ice, Guess What
Now For Some Deep Stuff

1. When one gets below the level that light can penetrate things become even more exciting.

2. There the eyes are not used to see but the nose and other sensing devices an animal or plant has helps to keep them alive.

3. Hope you enjoy this little adventure.
10 Most Bizarre Deep Sea Creatures
1. A biosphere is defined by its contained species.
2. The contained species are defined by their environment.
3. If there are no predators, then the species become less likely to be afraid of humans and other species.
4. It appears that it makes no difference on Earth what the environment is, life does exist and more often than not, there is a lot of it.