

How do indicator species tell us the level of pollution?	If certain species are present and they can survive than the area is polluted e.g. blood worm, maggot.
How do penguins minimise heat loss.	By a counter current heat exchange system.
How is Lamarck's theory of the inheritance of acquired characteristics different from Darwin's theory?	Lamarck said that commonly used characteristics would become bigger and stronger and would over-take less used characteristics.
How is the binomial system important as being the basis of naming species?	It means every scientist/ person in the world understands a common name for an organism, without the need for translation.
What are adaption controlled by?	They are controlled by genes that can be passed to the next generation.
What are other methods have aided or understanding of organism classification?	DNA sequencing in different species.
What are the 5 different classifications for organisms?	Kingdom, phylum, class, order, family, genus, species.
What are the issues concerning whaling?	Getting international agreement, policing and enforcing agreements and hunting for research.
What are the issues with keeping whales in captive?	Entertainment, research, captive breeding programmes and lack of freedom.
What are the problems when trying to classify species?	Hybrids, organisms that only produce asexually, the fact that evolution is a continuing process.