

Biodiversity – An Introduction

Read section 1.1 pages 6 – 13 and answer the following questions in your notebook.

1. Biodiversity refers to the variety of species in an ecosystem but also includes structural diversity within ecosystems and individual variability within species. Complete the table below (**in your binder**) comparing different types of biodiversity.

Type of Biodiversity	Description and Examples
Genetic diversity	
Species diversity	
Structural diversity	

2. A plantation of white pine trees (*think south of the Nepean Sportsplex on Woodroffe Ave*) that are all the same age is sure to be lacking which two types of biodiversity? Explain why.
3. Would you expect that bald eagles and red-tailed hawks would be able to breed with each other? Explain why or why not
4. List the four ways that the loss of biodiversity affects humans and other species.
5. Why is biodiversity important?

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