

Species

STUDENT BOOK pp. 237, 305

- Which statement below does **not** fit the definition of a species?
 - Group of individuals of similar appearance ☐
 - Group of identical individuals ☐
 - Group of individuals able to reproduce among themselves ☐
 - Group of individuals giving birth to fertile descendents (capable of reproducing) ☐
- The scientific name of the grey wolf is *Canis lupus*. The scientific name of the dog is *Canis familiaris*. Use this information to answer the following questions.

- To what genus does each of these animals belong?

- To what species does each of these animals belong?

- Give the meaning of each of the two words that make up the scientific name of a living organism.

- A male donkey and a female horse are able to mate. They produce a mule. However, male and female mules are unable to reproduce. Can the male donkey and the female horse be considered members of the same species?

- Here is a table showing some species of trees.

Tree	Scientific name
Sugar maple	<i>Acer saccharum</i>
Red maple	<i>Acer rubrum</i>
Mountain maple	<i>Acer spicatum</i>
White oak	<i>Quercus alba</i>
Red oak	<i>Quercus rubra</i>

- How many tree genera are included in the table? Name them.

- How many species of trees are included in the table? Explain your answer.
