

Answer **all** questions in the spaces provided.

0 1

Table 1 lists the definitions of some ecological words and phrases.

Complete **Table 1** by matching a letter from the list below to each definition in the table.

- A Habitat
- B Taxon
- C Ecological niche
- D Population
- E Community
- F Ecosystem
- G Biome

[5 marks]

Table 1

Definition	Letter
The relationships between organisms and their interactions with their physical environment.	F
A large geographical area, with particular climatic features, where a characteristic, unique community of species lives.	B G
The number of individuals of one species in an area.	D
The role of a species in a habitat, including how the species uses and changes the environment.	C
All the members of all the species that live in an area.	E

5



Answer **all** questions in the spaces provided.

0	1
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Table 1 shows details of some ecological sampling activities and equipment that may be used.

Complete **Table 1** by adding the appropriate ecological activity or equipment in the blank spaces.

The first row has been completed.

[5 marks]

Table 1

Ecological activity	Equipment
Estimating the turbidity of water	Secchi disk
	Surber sampler
Sampling night-flying moths	
	Sweep net
Collecting insects in overhead vegetation	
	Tüllgren funnel

5

