Kurikulum Merdeka

Student

WORKSHEET

Biology

Dichotomous Key

Group :

Member :

7

LIVEWORKSHEETS

LEARNING OBJECTIVES

1. Describe what a dichotomous key
2. Draw a dichotomous key for a group of organisms

Look at the picture below carefully!

If you look at these images, you can see that there are countless animal species in the world. To make them easier to study, classification is used. One method of classification is using a determination key. Do you know what a determination key is?

To learn what the key to determination is, do the following activity.

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WORK PROCEDURE

1. Pay attention to the following types of animals:

a. Snail
b. Komodo
c. Cow
d. Goat
e. Parrot fish
f. Scorpion
g. Chicken
h. Shrimp
i. Dove

2. Choose 6 animals and enter them in the table!

3. Observe based on the characteristics it has and use the animal determination key according to the following table.

Dichotomous Key for Animal Classification

1. a. No backbone ..... go to **2**
b. Has a backbone (vertebrate) ..... go to **3**
2. a. Soft body and has a shell ..... **Mollusca**
b. Body and legs are segmented ..... **Arthropoda**
3. a. Body covered with scales ..... go to **4**
b. Body not covered with scales ..... go to **5**
4. a. Lives in water ..... **Pisces (Fish)**
b. Lives on land ..... **Reptile**
5. a. Body covered with feathers (hairy appearance) ..... **Aves (Birds)**
b. Body covered with hair or fur ..... **Mammals**

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OBSERVATION DATA

No	Animals	Dichotomous Key Order	Dichotomous Key Description
1			
2			
3			
4			
5			
6			

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DISCUSSION

After conducting a literature study and filling in the table, answer these discussion questions (searching on the internet is permitted)

Discussion Questions

1. What is meant by the determination key?

Answer:

2. What is the use of the determination key?

Answer:

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