

CHAPTER

10

VOCABULARY REVIEW WORKSHEET

Classification Clues

Complete this puzzle after you have finished Chapter 10.

Solve the clues to see what words are hidden in the puzzle. Words in the puzzle are hidden vertically, horizontally, and diagonally.

1. List the seven levels used by scientists to classify organisms in order from most general to least general.

a. _____

b. _____

c. _____

d. _____

e. _____

f. _____

g. _____

2. For each of the following descriptions, write the kingdom of the organisms being described in the space provided.

a. _____ Single-celled organisms without nuclei, such as *Escherichia coli*, which live in the human body

b. _____ Multicellular eukaryotic organisms that are usually green and make sugar through photosynthesis

c. _____ Unicellular prokaryotes that have been on Earth for at least 3 billion years

d. _____ Multicellular organisms whose cells have nuclei but do not have cell walls

e. _____ Multicellular organisms that have cells containing nuclei and that absorb nutrients from their surroundings after breaking them down with digestive juices

f. _____ Single-celled or multicellular eukaryotic organisms that are not plants, animals, or fungi

3. Linnaeus founded _____, the science of identifying, naming, and classifying living things.

4. A _____ key is a special guide used to identify unknown organisms.

Classification Clues, continued

A	O	D	R	P	H	Y	L	U	M	X	O	B	K
M	R	I	O	K	N	A	R	I	P	P	H	Y	Y
O	E	C	M	R	E	H	O	C	M	L	Y	M	T
D	R	H	H	O	D	F	N	S	I	A	O	D	C
G	A	O	I	A	G	E	S	C	A	N	M	S	L
N	L	T	K	B	E	U	R	T	O	T	S	P	E
I	Q	O	I	U	N	B	E	X	S	A	U	E	U
K	H	M	Y	L	U	T	A	D	L	E	E	C	G
P	R	O	T	I	S	T	A	C	P	S	A	I	S
A	Y	U	T	I	E	B	D	R	T	E	R	E	F
I	L	S	G	U	V	O	G	U	C	E	H	S	O
Z	U	N	A	E	U	B	A	C	T	E	R	I	A
M	U	G	T	F	N	W	P	L	R	B	S	I	Y
F	A	M	I	L	Y	A	N	I	M	A	L	I	A