

# 1:1 Classification of Living Things

**Section 1.1 Notes: Read the information on pages 2-7 of the Animals textbook to help you answer these questions.**

A) What do we call the science of naming and grouping organisms?

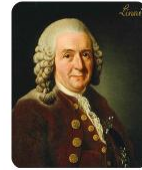
**TAXONOMY**

B) What do we call the two-name system of naming organisms?

**BINOMIAL NOMENCLATURE**

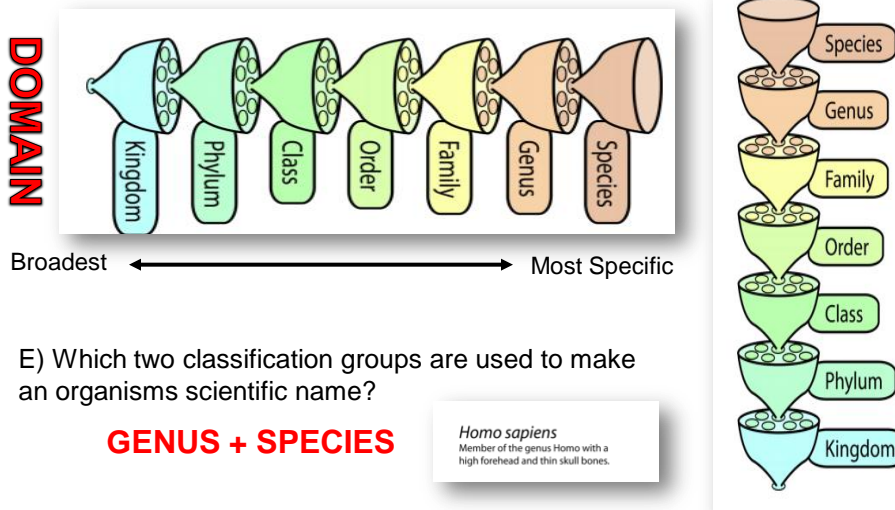
C) Who is credited for inventing this system?

**LINNAEUS**



D) What are the seven classification groups listed from the broadest to the most specific?

**Kingdom → Phylum → Class → Order → Family → Genus → Species**



F) What are the three domains of life?

**BACTERIA:** Single-celled organisms that do not contain a nucleus

↘ NO NUCLEUS

**ARCHAEA:** Single-celled organisms that do not contain a nucleus; have a different cell wall from bacteria

**EUKARYA:** Organisms with cells that contain a nucleus.

↙ HAS NUCLEUS ← Add to notes

G) How are organisms classified into domains?

**IT IS BASED ON THE TYPE OF CELL THE ORGANISM HAS.**

H) To which domain do plants and animals belong?

**EUKARYA**

I) To which domain do viruses belong?

**NONE – THEY ARE NOT LIVING THINGS**

What's wrong with this ad?



### Assignment:

Glue the worksheet on page 6 - Fold-a-flap LEFT

**Classification of Life** Name \_\_\_\_\_

**Site #1: EDPuzzle Classification** - Watch the video and complete the quiz to help you fill in this section.

- How are hydra classified? \_\_\_\_\_
- Which scientist is credited with this system? \_\_\_\_\_
- Which two domains are prokaryotes? \_\_\_\_\_ and \_\_\_\_\_
- Which two levels make up an organism's scientific name? \_\_\_\_\_ and \_\_\_\_\_
- Which level of classification is the most specific? \_\_\_\_\_
- What is the scientific name for a cougar? \_\_\_\_\_

**Site #2: A Touch of Class** - You will need to play at least SIX rounds of the game - no repeated topics. Write the topic on a line below, click on all of the organisms that match the topic, and then click the GO button to check your answers. Calculate your score for that round and write it on the line.

Topic - _____	Points = _____	Topic - _____
Topic - _____	Points = _____	Topic - _____
Topic - _____	Points = _____	Topic - _____

**Need to do enough rounds to have 6 different topics!**

**Classification of Life** Name \_\_\_\_\_

**Site #1: EDPuzzle Classification** - Go to [mrstomm.com](http://mrstomm.com) EDPuzzle and log in to fill in this section.


- How are hydra classified? \_\_\_\_\_
- Which scientist is credited with this system? \_\_\_\_\_
- Which two domains are prokaryotes? \_\_\_\_\_ and \_\_\_\_\_
- Which two levels make up an organism's scientific name? \_\_\_\_\_ and \_\_\_\_\_
- Which level of classification is the most specific? \_\_\_\_\_
- What is the scientific name for a cougar? \_\_\_\_\_

**Site #1**  
Go to [mrstomm.com](http://mrstomm.com) → EDPuzzle.  
Sign in as **STUDENT** and choose **GOOGLE**  
Watch the video and complete the quiz!

For Sites 2 & 3, go to [mrstomm.com](http://mrstomm.com) → **Science Spot Kid Zone**

ASSIGNMENTS    **SCIENCE SPOT KID ZONE**

Click **Cells & Classification** in the Biology section.



#3

<p><b>Classification of Life</b></p> <ul style="list-style-type: none"> <li><a href="#">Biological Classification</a></li> <li><a href="#">Ology: The Tree of Life</a></li> <li><a href="#">Ology: It Takes All Kinds</a></li> <li><a href="#">Ology: What's This</a></li> <li><a href="#">PBS Classifying Life</a></li> <li><a href="#">Classifying Critters</a></li> <li><a href="#">Key to Classification</a></li> <li><a href="#">UIUC Family Tree</a></li> <li><a href="#">Six Kingdoms of Life</a></li> <li><a href="#">Study Jams: 5 Kingdoms of Life</a></li> <li><a href="#">BrainPop Six Kingdoms Movie</a></li> <li><a href="#">Glencoe Classification Challenge</a></li> <li><a href="#">Arthropod Classification</a></li> </ul>	<p><b>Classification Games &amp; Challenges</b></p> <ul style="list-style-type: none"> <li><a href="#">Animal Classification Game</a></li> <li><a href="#">A Touch of Class</a></li> <li><a href="#">Touch of Class (Alternate)</a></li> <li><a href="#">Sortify Tree of Life</a></li> <li><a href="#">Living &amp; Nonliving Quiz</a></li> <li><a href="#">Animal Classification Hangman</a></li> <li><a href="#">Animals of the World</a></li> <li><a href="#">Animal Classification Hangman</a></li> <li><a href="#">QUIA - Characteristics of Life</a></li> <li><a href="#">QUIA - Animal Classification</a></li> <li><a href="#">QUIA - Animal</a></li> </ul>
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#2

**Worksheet due by the start of class on Thursday!**