



Grey Wolf  
*Canis lupus*

Dog-like canids

Slender-jawed Fox  
*Vulpes vulpes*

Fox-like canids

CANINAE

Bonaparte's  
*Bonaparte's*

Bone-eating dogs

Hesperocyon  
*Hesperocyon*

Basal dogs

CANIDAE



Where Do I Fit?

Canis familiaris



**ARTIFICIAL SELECTION**  
Human-controlled Selection  
Individuals with specific traits are selected and the process is directed toward goals.  
Examples of artificial selection in birds, cattle, and dogs.

**PHYLOGENY**  
Lines of Descent  
Phylogenies study both fossil and living organisms to discover relationships. They use these data to learn more about evolutionary processes.