

# Natural History of Vertebrates

## List of Terms

### Chapter 9 - Origin and Radiation of Tetrapods

The following are terms that you should look up. You should be able to define each term and give a clear, specific example of each. Most of these terms are in your textbook (check the glossary), some will be presented in lecture, and others may come from your previous course work. A good investment at this point in your career would be the investment in one or more dictionaries which are specific to biology. One dictionary that I would recommend is "A Dictionary of Ecology, Evolution and Systematics" (second edition) by Lincoln, Boxshall and Clark. It is published by Cambridge University Press and the ISBN number is 0 521 43842 for the paperback version.

Taxonomic terms may be the scientific names or common names associated with various groups of organisms. Generic names are capitalized and in italics. Scientific names for families or higher are capitalized. Common names start with lower case letters.

I will use these terms in lecture at various times throughout the semester and will expect you to know them. They may also appear on tests. It would be a very good idea to include a section in your notes where you write out the definitions to these terms.

#### List of Terms

pentadactyl  
ceratobranchial  
polydactyl  
estuary  
hypoxic  
estivation  
vertebral centrum  
sternum  
sacpulacoracoid  
illium  
ischium  
pubis  
humerus  
ulna  
radius  
ulnare  
radiale  
carpals  
digits  
intercentra  
pleurocentra

#### Taxonomic Terms

Tetrapod  
Elpistostegidae  
*Tiktaalik*  
*Acanthostega*  
*Ichthyostega*  
Sarcopterygii  
Batrachomorpha  
Temnospondyli  
Reptilomorpha  
Osteolepiformes  
*Panderichthys*  
Lissamphibia  
labrinthodonts  
Lepospondyli  
Amniota

zygapophysis  
parallel evolution  
convergent evolution

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