

# Faunal Timeline



a creation based faunal timeline model



(Note: This site isn't peer reviewed, especially this section. The theories expressed below may be entirely from the author's analysis of available information.)

If you look through most Christian scientific literature there is always one thing lacking, a faunal timeline. Sure there are many timelines for when various people lived and died, but no scientific break down of faunal events. One man has done an excellent job of creating a geological model (see <http://www.uq.net.au/~zztbwalk/detail.html>), but at some points it leaves enormous spaces. This could be a problem when assembling a faunal timeline (I know, what's a few thousand years compared to millions, but hang with me on this one). The issue is more about dividing the fossil/sub-fossil/recent material of the fauna/floral regions of the world into time slots on a model. This would fit well into the focus of this site which is predominantly about fossil vertebrates in specific groups. For this reason, I've decided to try and assemble something that might be applicable.

Previously, I created a simple Creation-oriented faunal timeline based on a few general possibilities. This updated study is more in depth and incorporates a more scientific approach to the entire formulation and conclusion of a theory or theories. Actually, one of the main goals is to evaluate the feasibility of a post-flood faunal timeline that could account for not only fossil evidences, but include some environmental changes that have occurred since then and their impact on animal life. It is of particular note, that the formulas and data used are of a general nature, but it still gives a viable range to determine the feasibility of the events noted.

To begin with a list, of major events cited in Ussher, is given. Based upon that data and Biblical events cited in the Holy Bible, a general formulation of events was created. Then, following a more scientific approach, the determination of events through a feasibility study was performed. The first part of the study deals with sea level drop and the Great Ice Age. This is followed up by animal re-population rates, which may directly relate to the third part concerning expansion and migration rates. The entire study is summed up in a revised faunal timeline, with final conclusions at the end.

# Table of Contents

## **1. Events in Ussher**

This is a basic listing of notable events cited in Ussher's "The Annals of the World" that may have had a traumatic effect on the fauna of that time.

## **2. Biblical Environments: Environments**

Included in this section are environmental notations cited in the Holy Bible that pertain to Eden and the pre-flood world.

## **3. Biblical Environments: Days of Creation**

The original days of creation as cited in the Holy Bible are explained.

## **4. Number of Animals on the Ark**

This is an estimation of the least number of animals that may have been needed on the ark to populate the world we have today with all the species that are present.

## **5. Genetic Diversity and Speciation**

In order to estimate a broader rate of re-population, this chapter calculates the least amount of time it would take for a species to display the least dominant traits. It also covers the definition of genetic diversity.

## **6. The Ice Age**

This chapter includes ice coverage estimations, ice generation estimations, sea level ranges and other geological associations. There are multiple maps that display various theories on the extent of the ice age.

## **7. Animal Re-population Rates: Multiplication Tables**

Rough estimates on how quickly a generic (as in stereotypical) animal of a certain kind could increase in numbers is displayed in various tables. The kinds of animals covered are deer, elephants, dogs, cats, mice, rhinos and voles.

## **8. Animal Expansion and Migration Rates: Range Tables**

The quickest rate that a group of animals may have distributed themselves across the world, based on the multiplication tables, is estimated in these tables. It is of note that the exact same kinds of animals are covered here.

## **9. Radiations**

In this chapter, the actual radiation events are covered as they may have occurred. Two viable theories are presented, which are supplemented by information in Appendix IV.

## **10. The Timeline**

Here is a realistic timeline model based upon the information in this work. Names are assigned to various periods, eras, etc. The radiation of animals over this timeline is supplemented in Appendix IV.

## **11. Conclusion**

## **12. References**

## **Appendix I: Formulas, Calculations, etc.**

Formulas and other methods used to compute the data in this work.

## **Appendix II: Range and Stage Tables**

Here is a comparison of the range of many kinds of mammals as well as the stage (evolutionary age) that those said kinds existed with in.

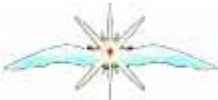
## **Appendix III: Range Maps**

These maps show the range that various kinds of mammals covered at various times of history.

## **Appendix IV: Faunal Timelines Table**

This is a comparator of various kinds of animals and their possible range through time since creation. They are designated in periods assigned to the creation faunal timeline cited here in, and compare both radiation theories presented.

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