

## NHM Neogene Case Webquest

To Navigate:

Click: Life Through Time link, then click Online Visual Timeline, next scroll down to the Cenozoic Era. BEGIN PART I

1. In the **Cenozoic Era** you will find two time periods - Write down these two periods and the span of time that they represent below (Mya = millions of years ago).

Period of geologic time	Period of geologic time
Span of time	Span of time

2. Fill out the timeline below. Sometimes you will need to identify the epoch and other times the period of time each epoch represents. (Mya means millions of years ago).

Paleogene Period			Neogene Period	
?	Eocene Epoch	Oligocene	?	Holocene
65.5 - 55.8 Mya	?	?	2.58 Mya-11,700 yrs.	?

3. From here, the focus is on our Neogene case. Click on the "Read more section" for Neogene Descriptions and Visuals.

- a. What type of habitat replaced vast regions of forests? \_\_\_\_\_
- b. Identify two new species that lived on North America during this time  
\_\_\_\_\_ and \_\_\_\_\_.

4. Unscramble the name of this species that lived during the Miocene (hint: it is a type of oreodont)

S Y Y H M U C R E N    answer    \_ \_ \_ \_ \_

5. True (T) or False (F) as it relates to the Pliocene Epoch

- \_\_\_\_\_ a. The Mediterranean Sea remained a vast grassland
- \_\_\_\_\_ b. A land bridge formed which connected South America and North America allowing land animals to travel back and forth.
- \_\_\_\_\_ c. Gophers with horns lived during this time

6. Complete this sentence referring to the Pleistocene (Ice Age).

At least \_\_\_\_\_ cycles of glaciation occurred during the Pleistocene with some glaciations covering \_\_\_\_\_ % of the Earth's surface.

PART 2.

Navigation: Go back to the main page for the Neogene Case. Click on Case #13 to show the fossils we have.

Imagine yourself in a time traveling spaceship that allows you to venture into the sea.

Find Fossil #441

What large shark roams during this time? \_\_\_\_\_

Draw this huge shark

2. The Natural History Museum has several teeth from marine mammals that lived during this time. Find them and fill out the facts about each.

Fossil #	Common Name	Period	Fossil location

3. Take some time to look at these amazing fossils. What are a few of your favorites?

My favorite fossils from the Neogene case are \_\_\_\_\_,  
\_\_\_\_\_ and \_\_\_\_\_.

Share with us! WHY?