

1. How do we know what extinct primates ate?

2. What were the environmental and biological changes that were happening 65 million years ago?

3. How is Cartmill's theory of the origin of primates different from the traditional one?

4. Each of these fossils is a likely early representative of an extant taxon; fill in the name of the modern group after each fossil (I did the first one for you):

APIDIUM is apparently ancestral to Anthropoid primates

AEGYPTOPITHECUS is apparently ancestral to \_\_\_\_\_

PROCONSUL is apparently ancestral to \_\_\_\_\_

VICTORIAPITHECUS is apparently ancestral to \_\_\_\_\_

SIVAPITHECUS is apparently ancestral to \_\_\_\_\_

5. ON THE BACK : Eocene primates fall into two groups: omomyids and adapids; how are they different from each other, to whom are each likely ancestral?

PRINT NAME \_\_\_\_\_

BONUS What does "Structural ancestor" mean?