

The five genera of Callitrichines are:

Cebuella

Callithrix

Saguinus

Leontopithecus

Callimico

1. What is the common name for the animals of each genus above?

- _____ pygmy marmosets
- _____ The "lion" tamarins
- _____ the common tamarins
- _____ Goeldi's monkey
- _____ marmosets

2. The five genera above are listed in order of body size; how does body size correspond to food preferences among these?

3. What anatomical feature distinguishes marmosets from tamarins?

4. Name four anatomical features that distinguish Anthropoid primates from Prosimians:

5 and 6. Describe four anatomical and/or behavioral characteristics that distinguish Callitrichines from other platyrrhines

7. *Callimico* is the oddball genus in this subfamily, it is quite different and many think it resembles the ancestral species of the group; what are the differences?

8. What is the common explanation of why many of these species have striking markings in the forms of white or colored tufts of fur, moustaches, etc.?

9. What do we mean by the term “convergent” (or parallel) evolution?

10. Imagine a 1 pound, ten inch long marmoset; now imagine it has morphed into an identical 20 inch long animal; how much does it now weigh: 2 pounds, 4 pounds, 8 pounds, or 20 pounds?

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BONUS Q: “Neotropical” means _____ “Exudates” means _____



Above: Grooming behavior promotes bonding among female primates

