

Evolution test Review per. 4

Era	Period	Epoch	Ma
Cenozoic	Quaternary (Q)	Holocene	
		Pleistocene (Qp)	
	Tertiary (T)	Pliocene (Tpl)	
		Miocene (Tm)	
		Oligocene (To)	
		Eocene (Te)	
		Paleocene (Tp)	65
Mesozoic	Cretaceous (K)		
	Jurassic (J)		
	Triassic (Tr)		251
Paleozoic	Permian (P)		
	Pennsylvanian (IP)		
	Mississippian (M)		
	Devonian (D)		
	Silurian (S)		
	Ordovician (O)		
	Cambrian (C)		543
Precambrian	Proterozoic		2500
	Archean		4600

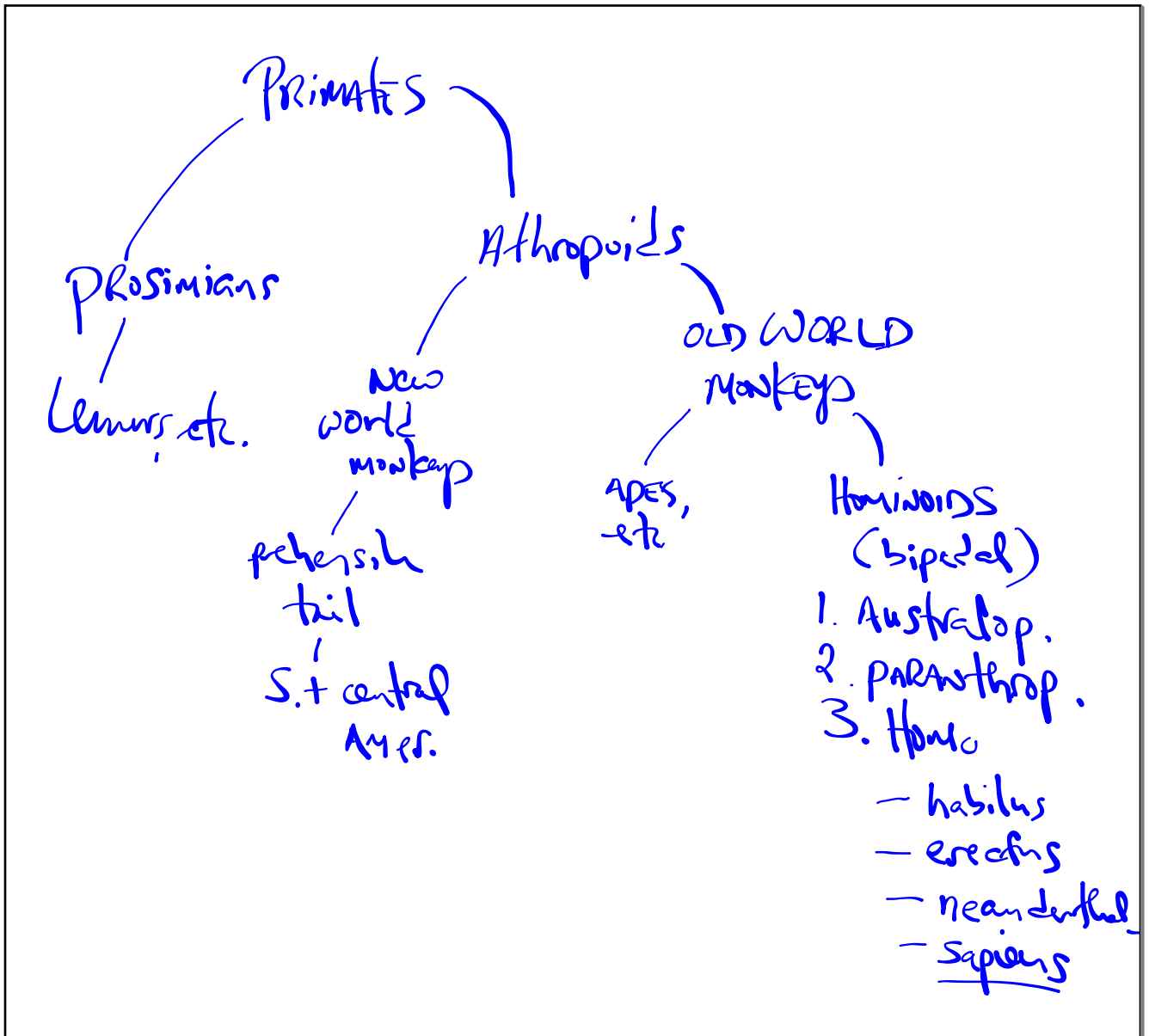
Age of MAMMALS

Age of Reptiles

Explosion of Life

NEW
↑
↓
OLD

90% of Earth's history



Punctuated Equilibrium

- Long periods of not much evolution, interrupted by periods rapid change

Convergent Evolution -

Ex: sharks + dolphins

Cause: have been evolving
in similar environments -
similar selection pressures

Coevolution

EX: plants

+

insect that
eat plant

→ develop
poison

→ develop
Resistance

Adaptive Radiation -

Ex: Finches, Lemurs

