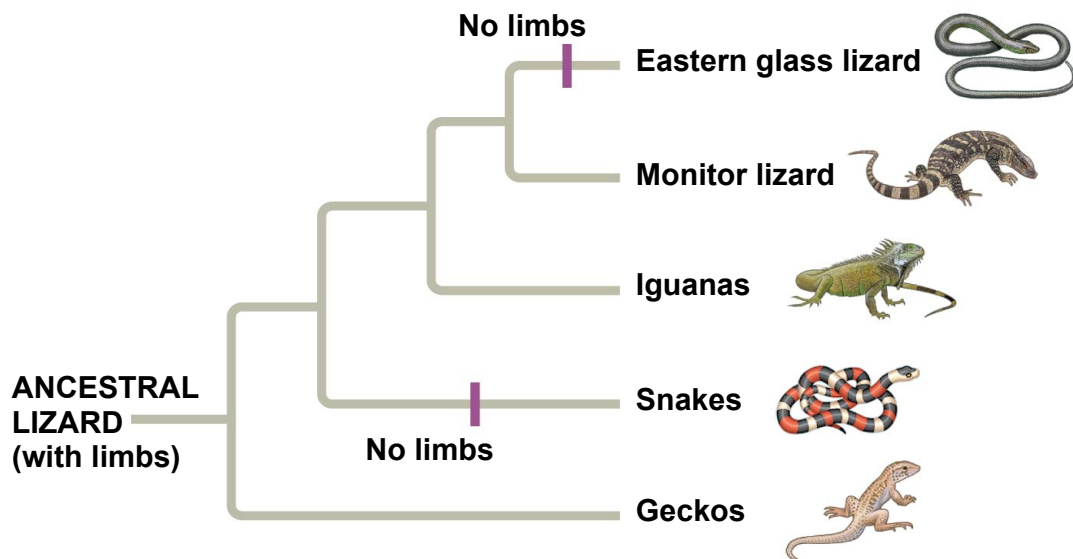
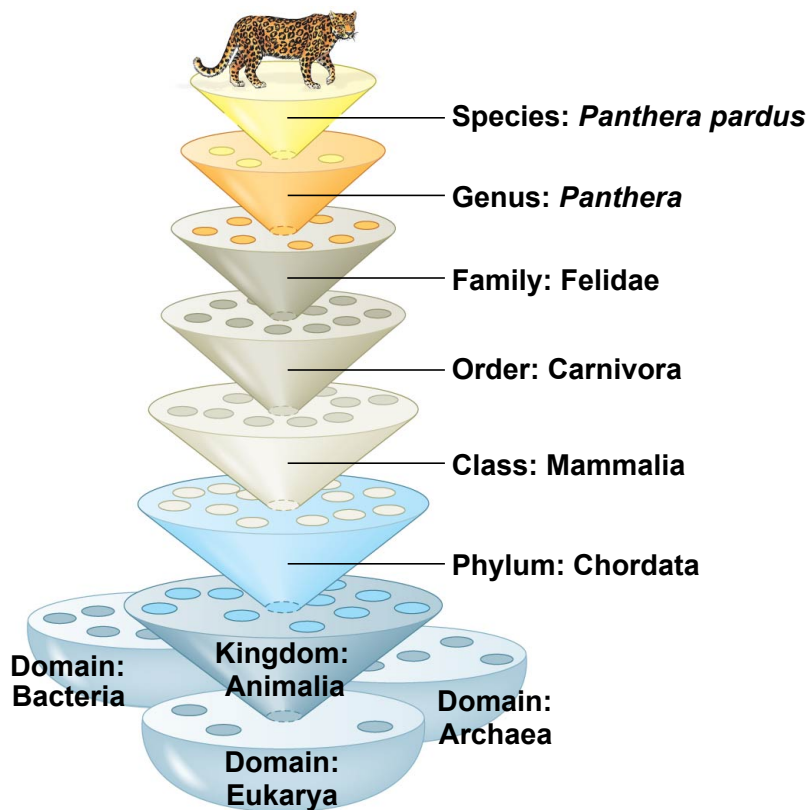
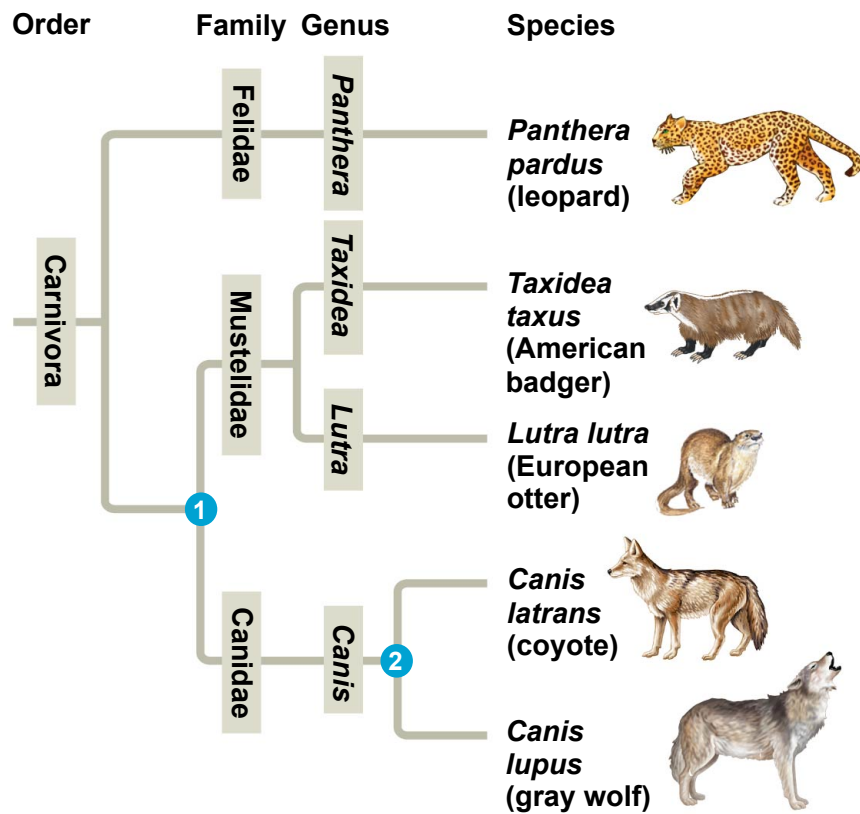






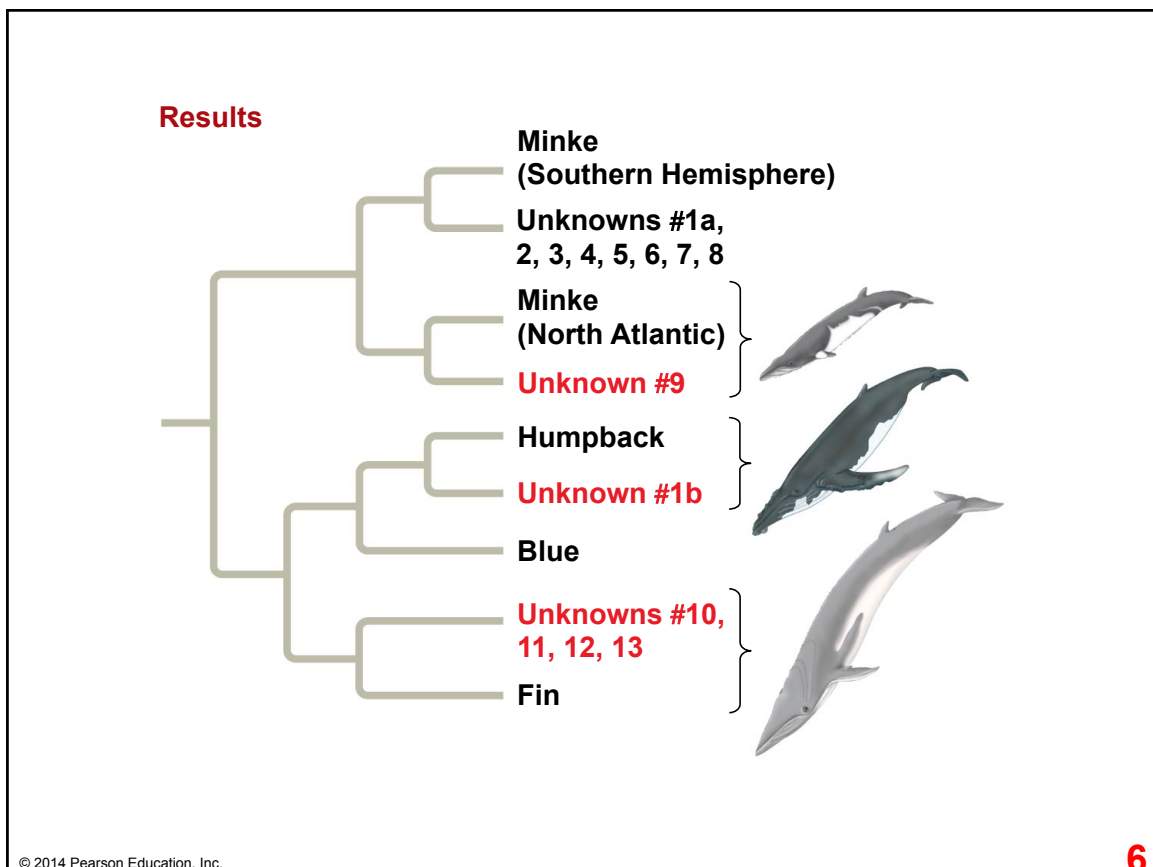
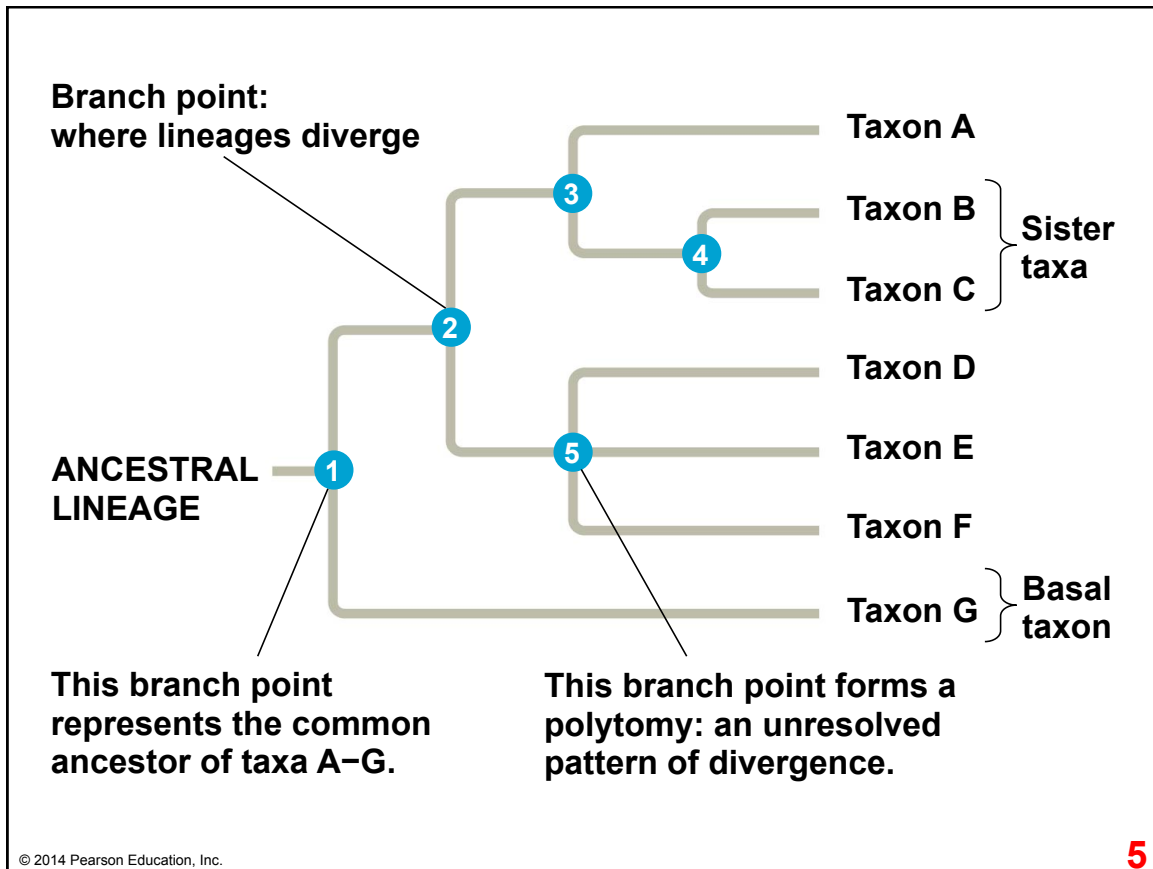
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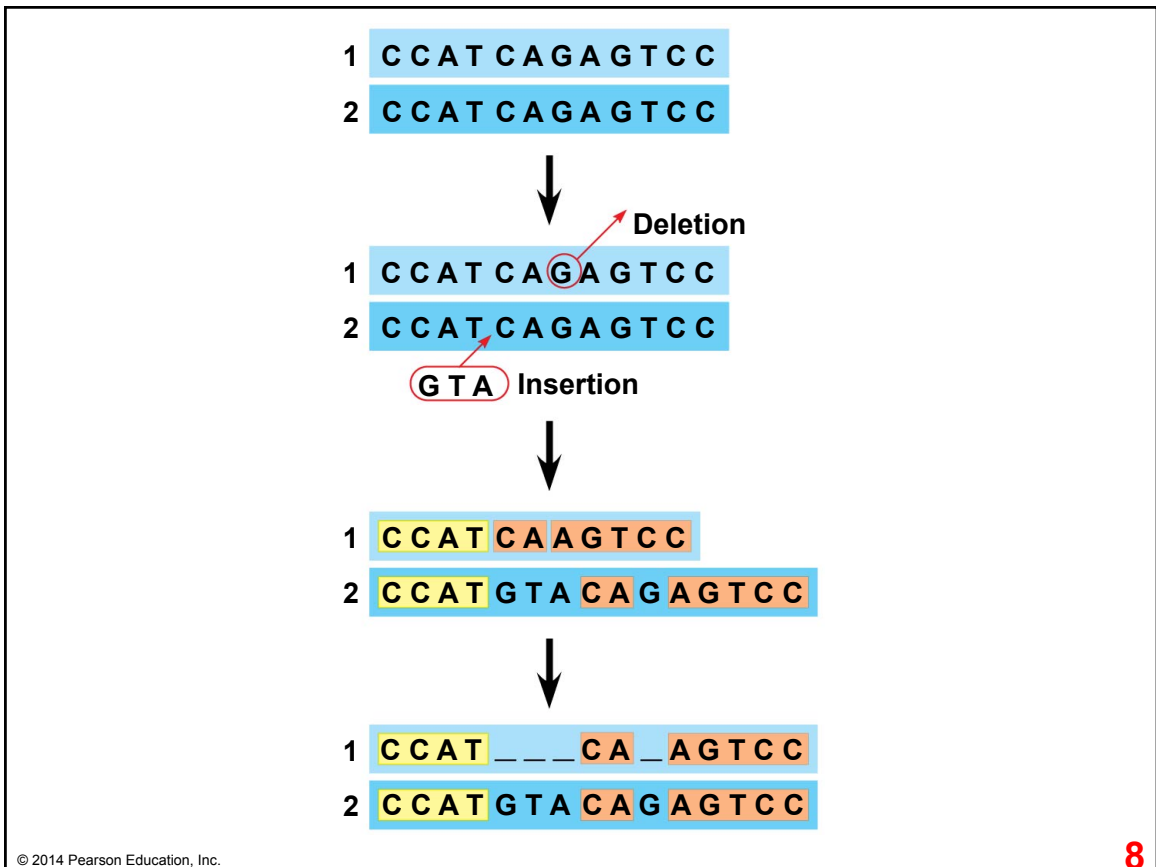
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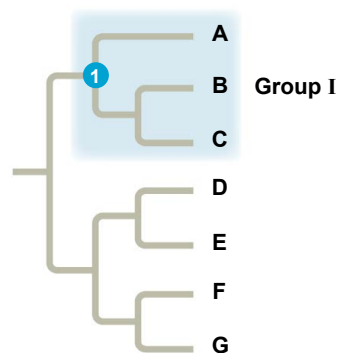
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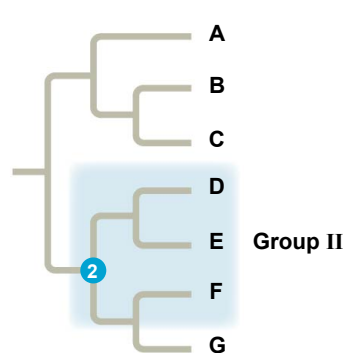
8

A C G G A T A G T C C A C T A G G C A C T A
 T C A C C G A C A G G T C T T T G A C T A G

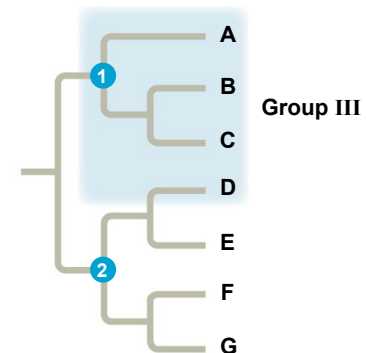
(a) Monophyletic group (clade)



(b) Paraphyletic group

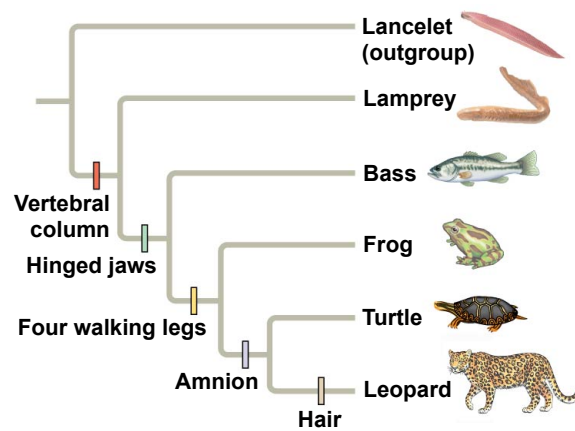


(c) Polyphyletic group

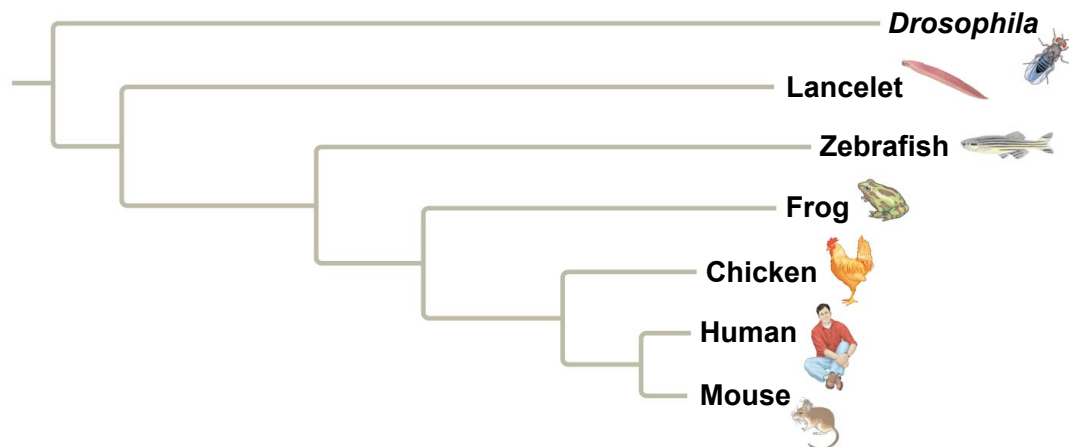


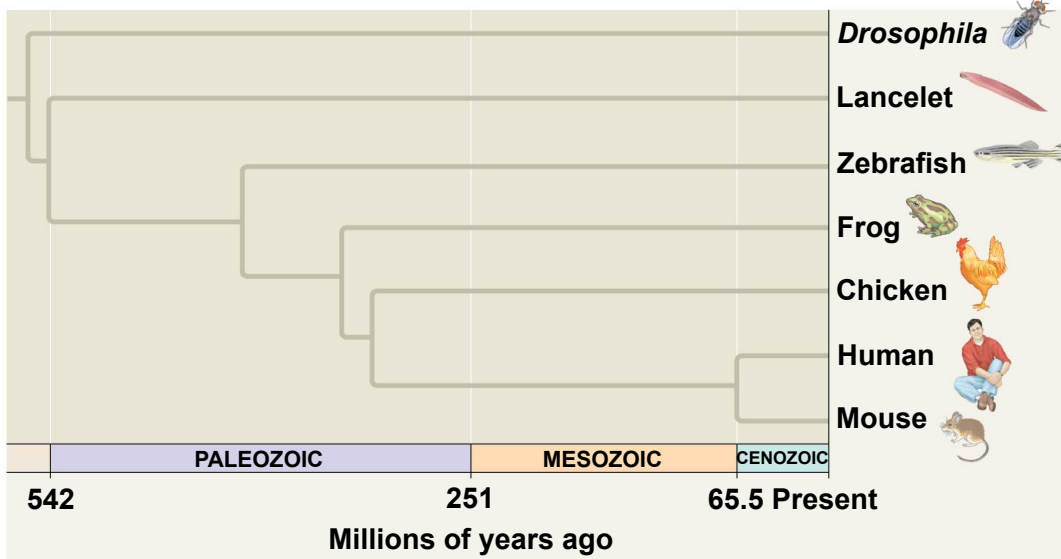
CHARACTERS	TAXA					
	Lancelet (outgroup)	Lamprey	Bass	Frog	Turtle	Leopard
	0	1	1	1	1	1
	0	0	1	1	1	1
	0	0	0	1	1	1
	0	0	0	0	1	1
	0	0	0	0	0	1

(a) Character table

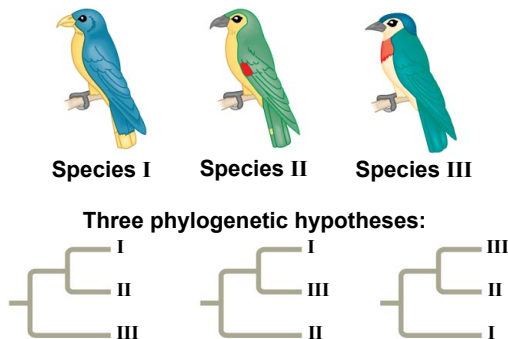


(b) Phylogenetic tree

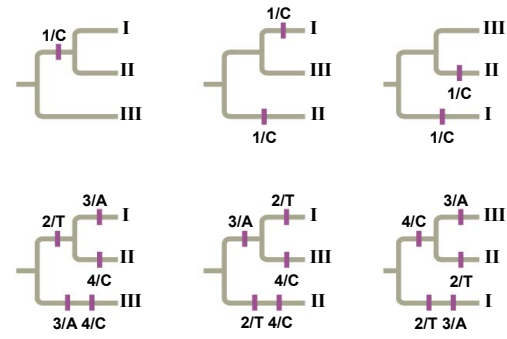


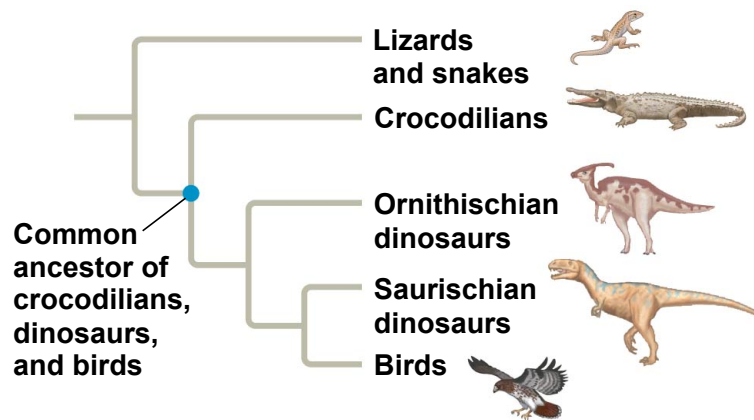


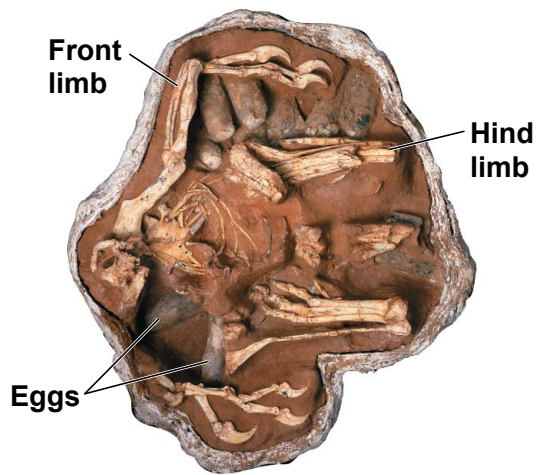
Technique



	Site			
	1	2	3	4
Species I	C	T	A	T
Species II	C	T	T	C
Species III	A	G	A	C
Ancestral sequence	A	G	T	T



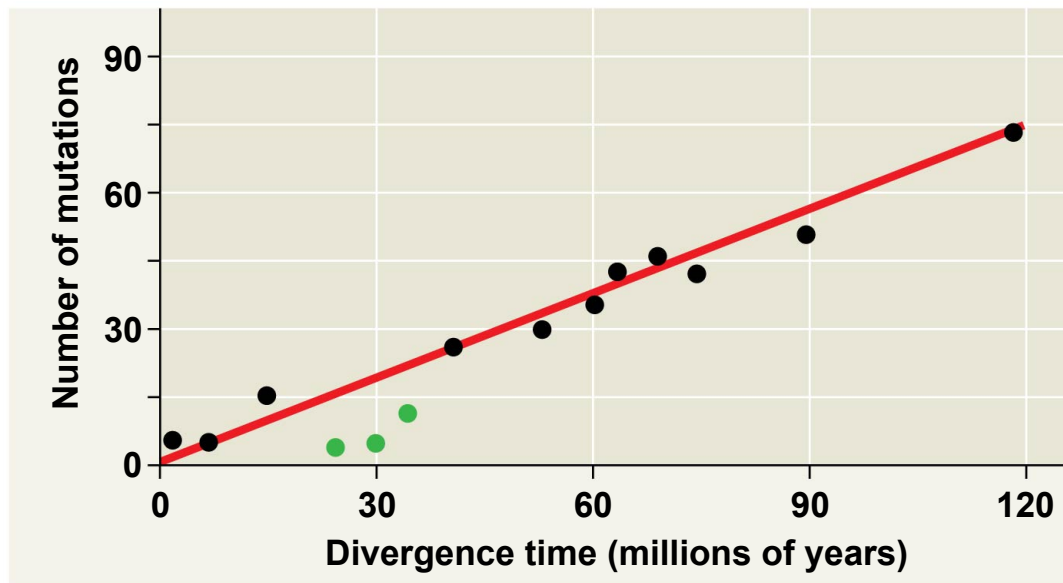


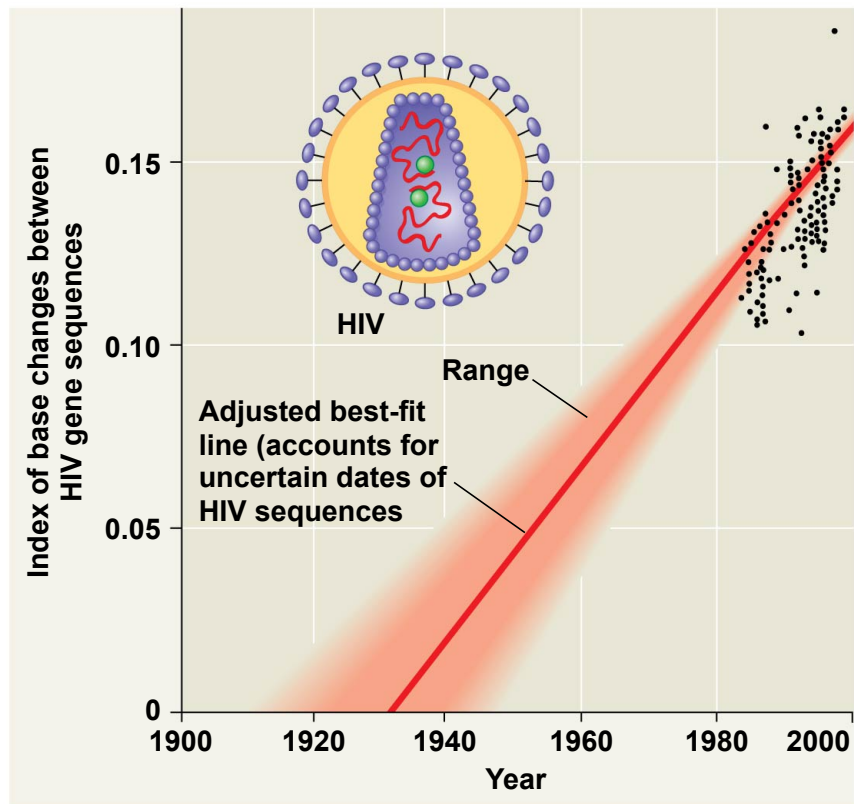


(a) Fossil remains of *Oviraptor* and eggs



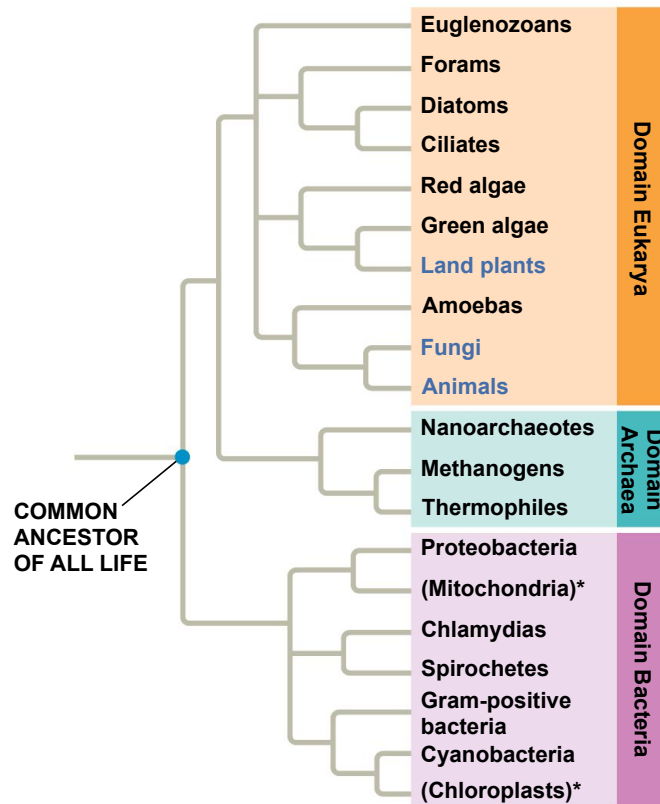
(b) Artist's reconstruction of the dinosaur's posture based on the fossil findings





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