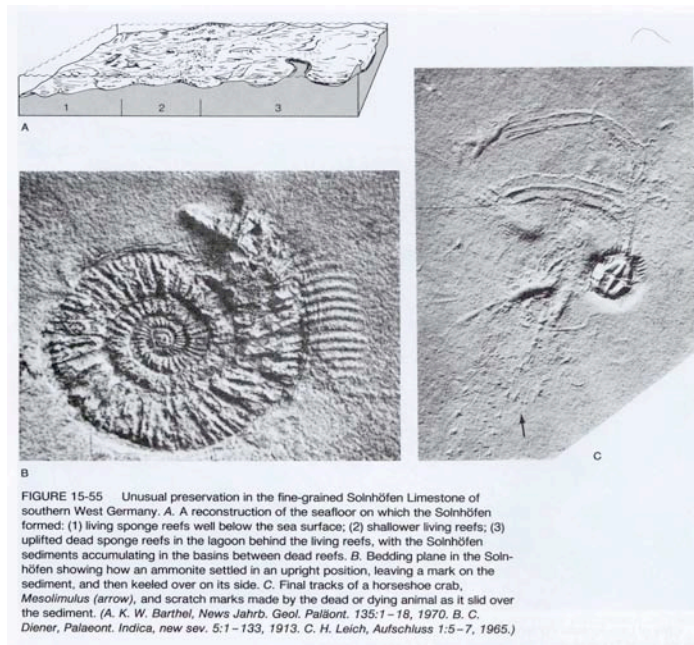


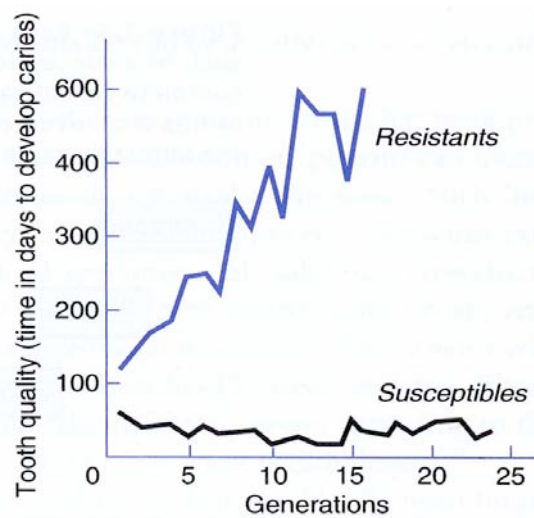
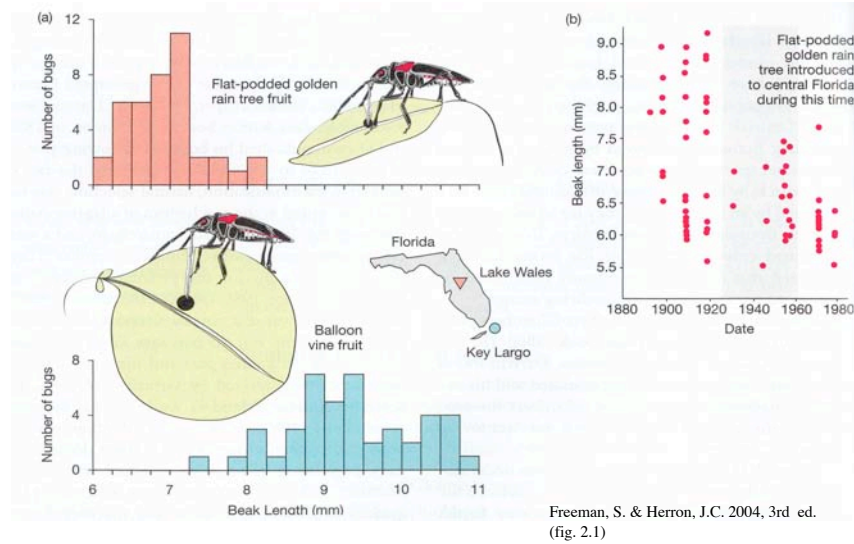
Evidenz für Evolution

Thema 2

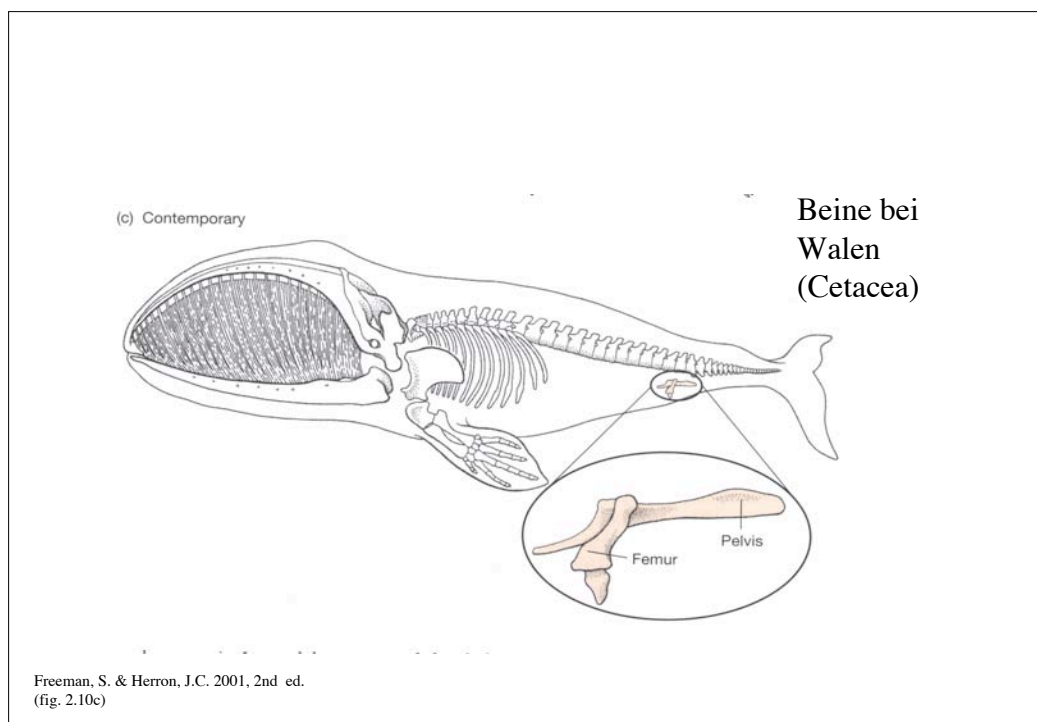
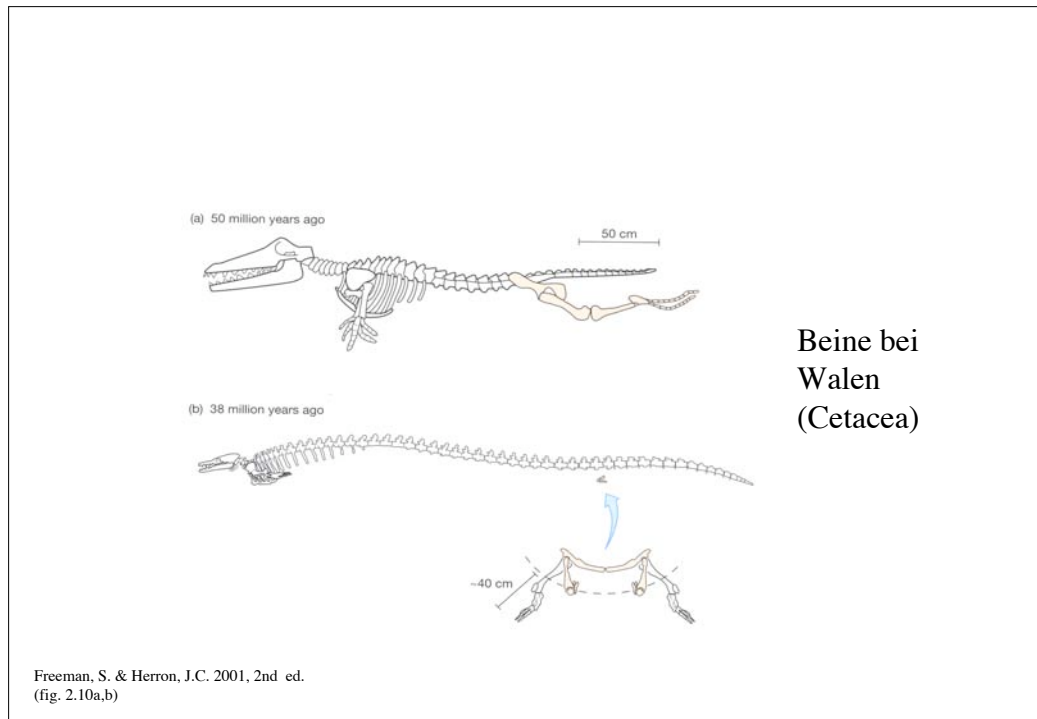


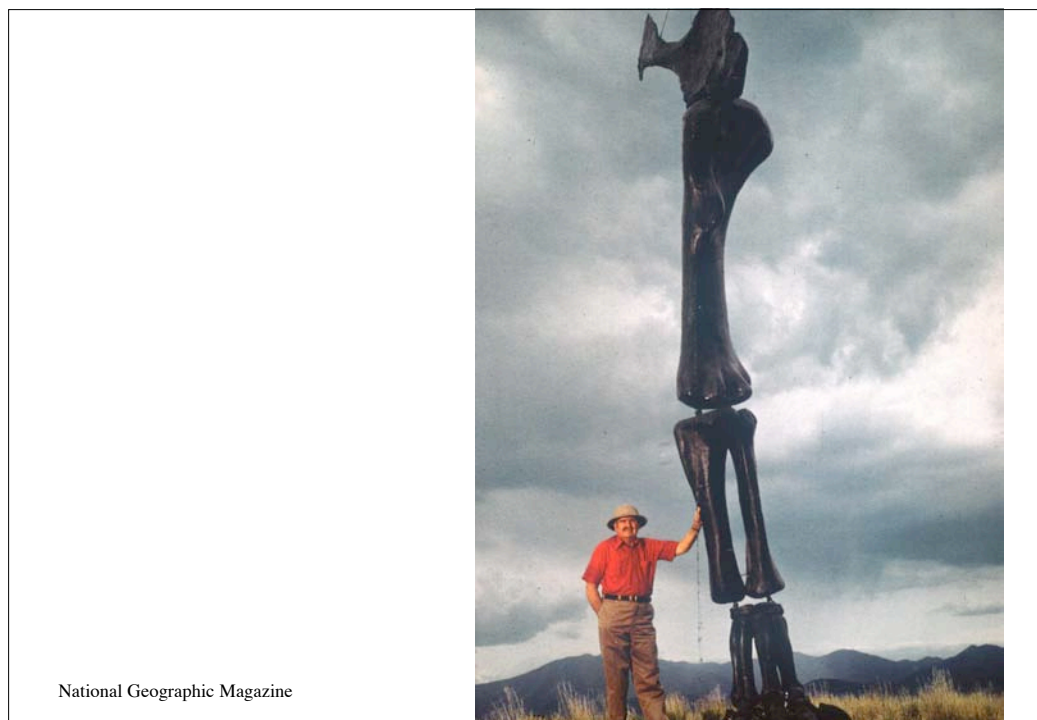
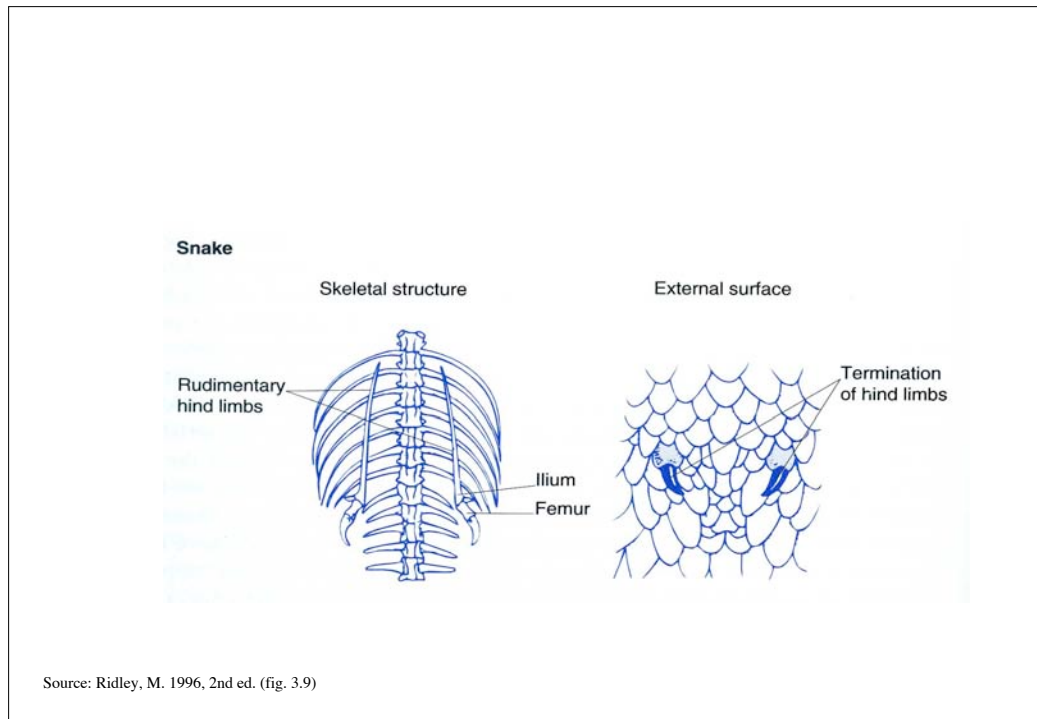
Stanley Fig.15.5

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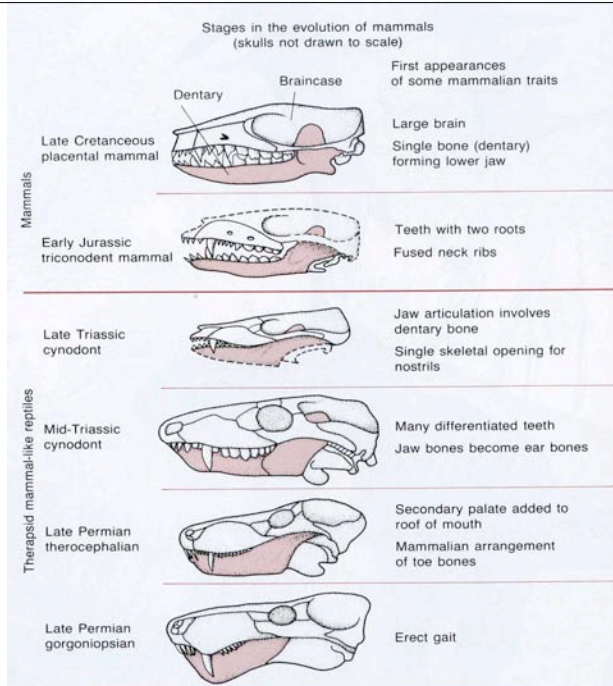
Source: Ridley, M. 1996, 2nd ed. (fig. 3.4)



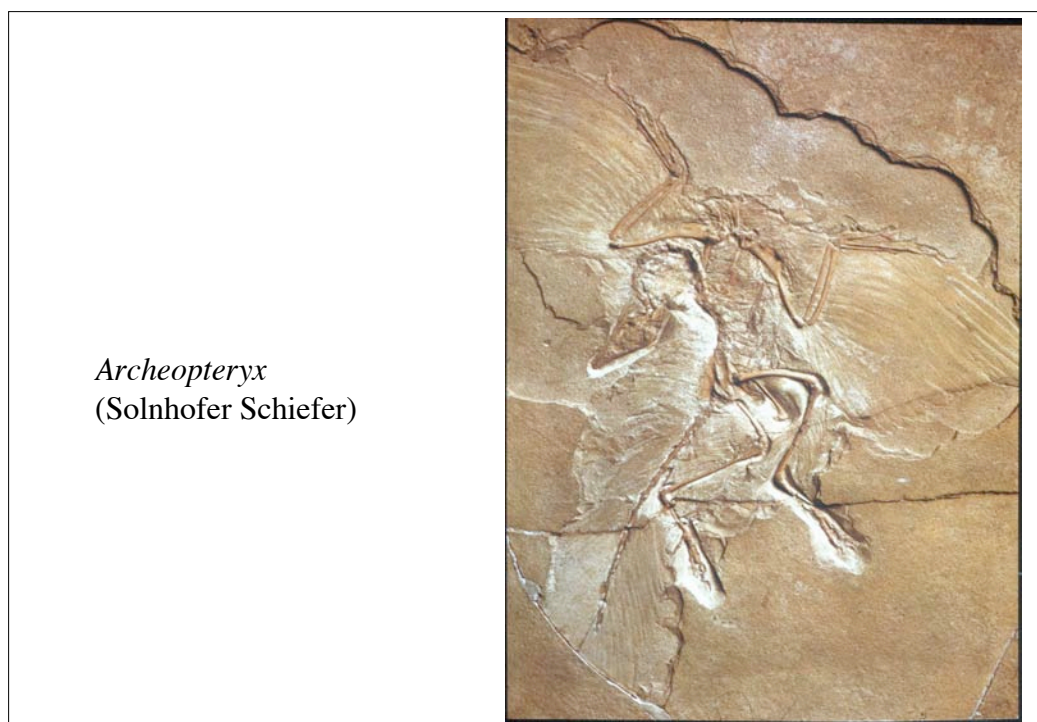
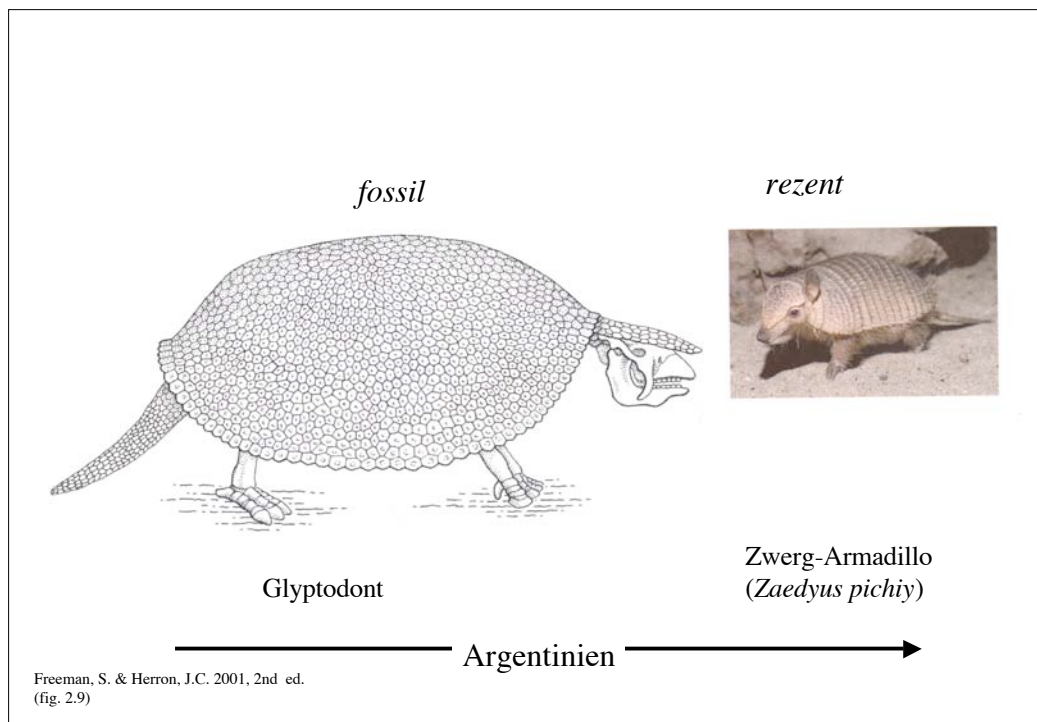


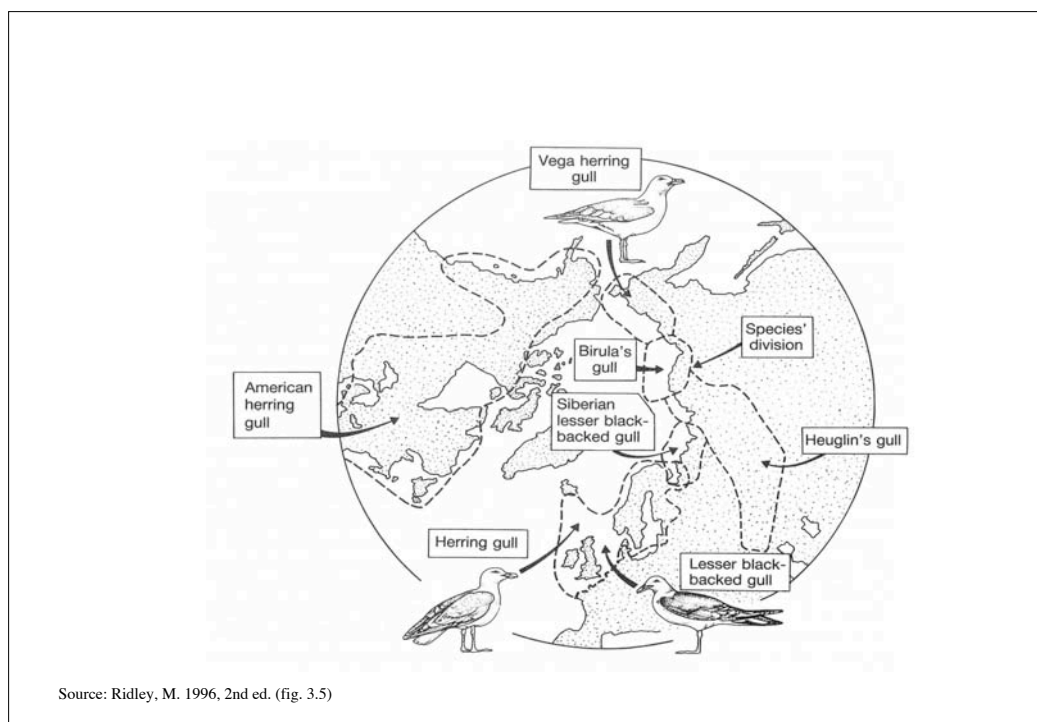
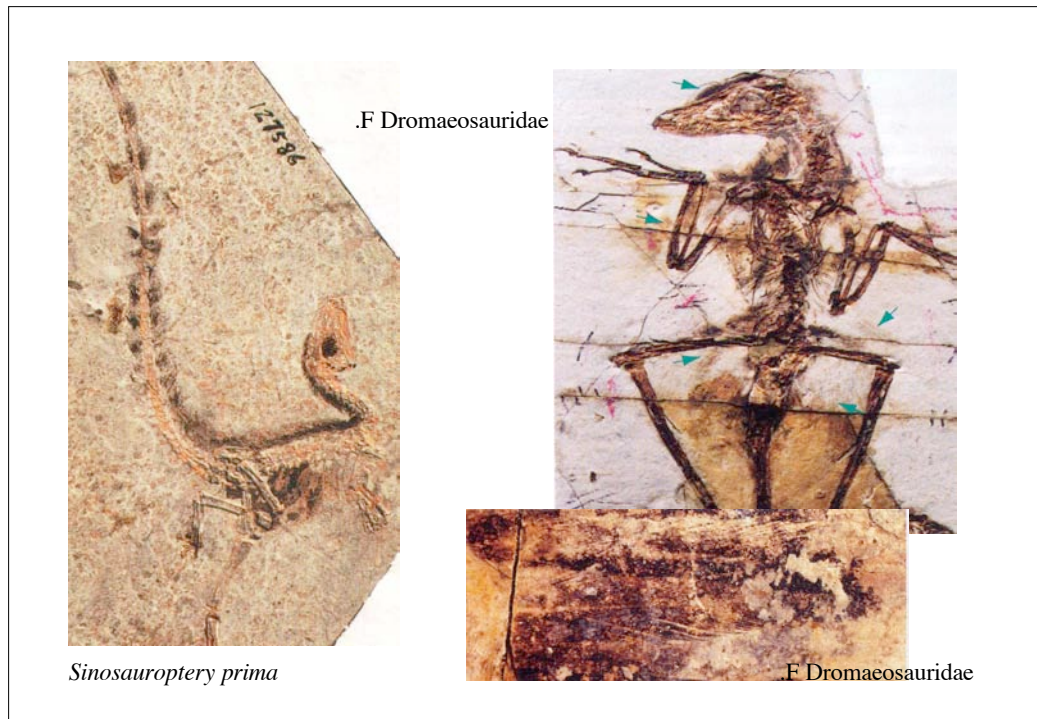


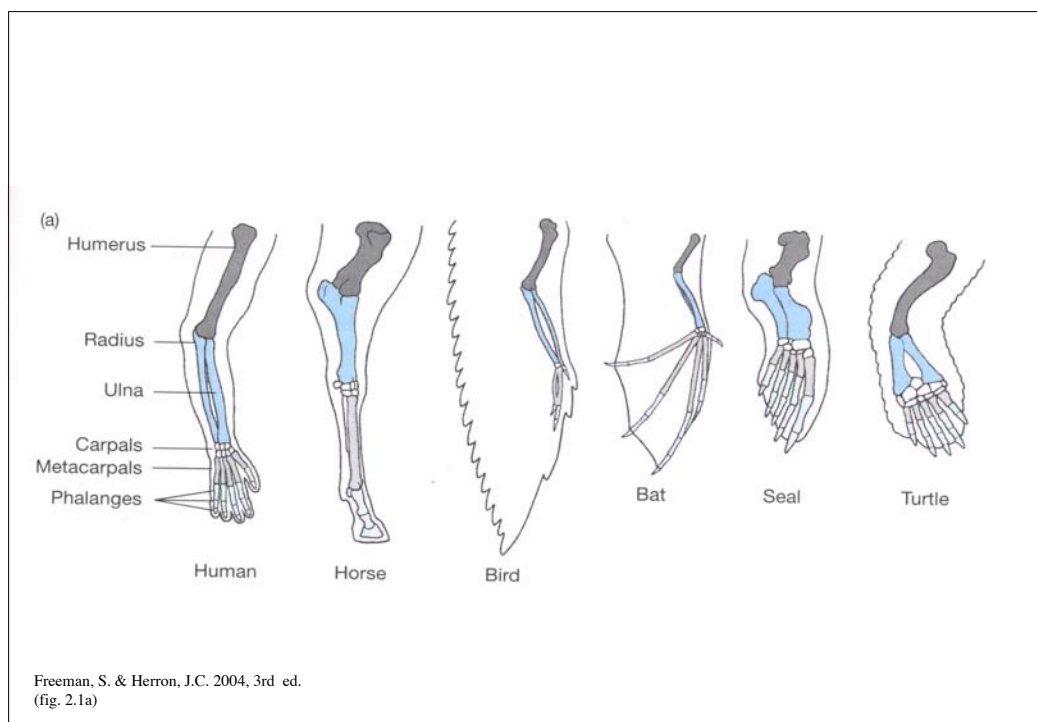
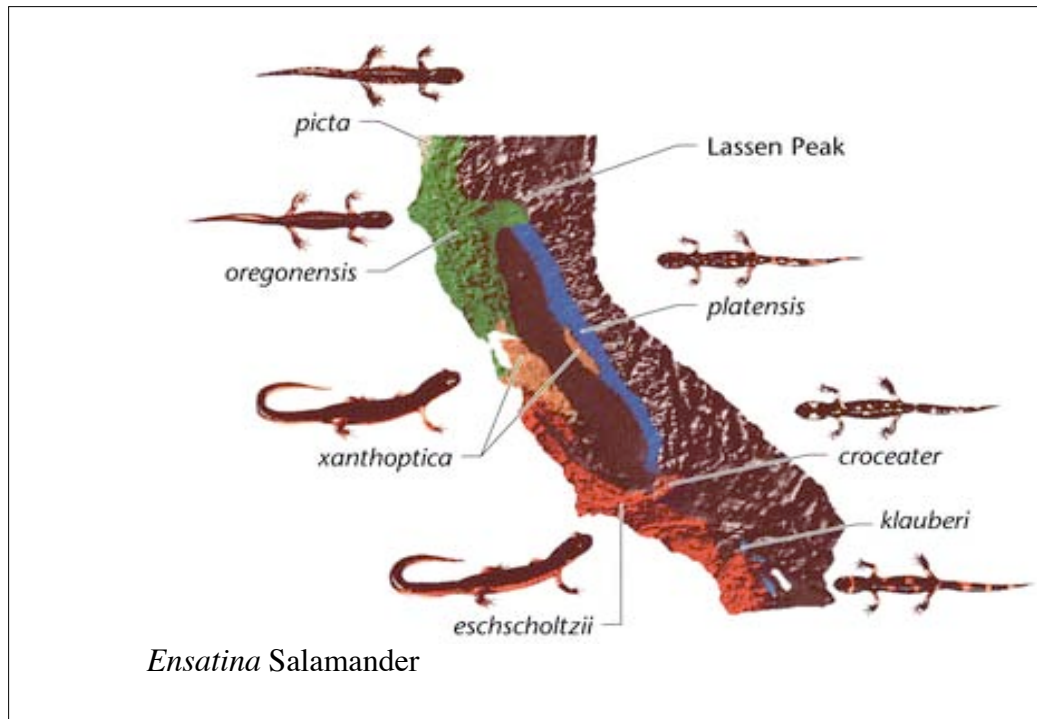
Freeman, S. & Herron, J.C. 1998, 1st ed.
(fig. 2.4)



Stanley, p.496







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Second base													
First base	U			C			A			G			Third base
U	UUU	Phenylalanine	F	UCU	Serine	S	UAU	Tyrosine	Y	UGU	Cysteine	C	U
	UUC	Phenylalanine	F	UCC	Serine	S	UAC	Tyrosine	Y	UGC	Cysteine	C	
	UUA	Leucine	L	UCA	Serine	S	UAA	Stop		UGA	Stop		
	UUG	Leucine	L	UCG	Serine	S	UAG	Stop		UGG	Tryptophan	W	
C	CUU	Leucine	L	CCU	Proline	P	CAU	Histidine	H	CGU	Arginine	R	C
	CUC	Leucine	L	CCC	Proline	P	CAC	Histidine	H	CGC	Arginine	R	
	CUA	Leucine	L	CCA	Proline	P	CAA	Glutamine	Q	CGA	Arginine	R	
	CUG	Leucine	L	CCG	Proline	P	CAG	Glutamine	Q	CGG	Arginine	R	
A	AUU	Isoleucine	I	ACU	Threonine	T	AAU	Asparagine	N	AGU	Serine	S	A
	AUC	Isoleucine	I	ACC	Threonine	T	AAC	Asparagine	N	AGC	Serine	S	
	AUA	Isoleucine	I	ACA	Threonine	T	AAA	Lysine	K	AGA	Arginine	R	
	AUG	Start (Methionine M)		ACG	Threonine	T	AAG	Lysine	K	AGG	Arginine	R	
G	GUU	Valine	V	GCU	Alanine	A	GAU	Aspartic Acid	D	GGU	Glycine	G	G
	GUC	Valine	V	GCC	Alanine	A	GAC	Aspartic Acid	D	GGC	Glycine	G	
	GUA	Valine	V	GCA	Alanine	A	GAA	Glutamic Acid	E	GGA	Glycine	G	
	GUG	Valine	V	GCG	Alanine	A	GAG	Glutamic Acid	E	GGG	Glycine	G	

Codon

Amino acid

Abbreviation

Freeman, S. & Herron, J.C. 2004, 3rd ed.
(fig. 2.15)

