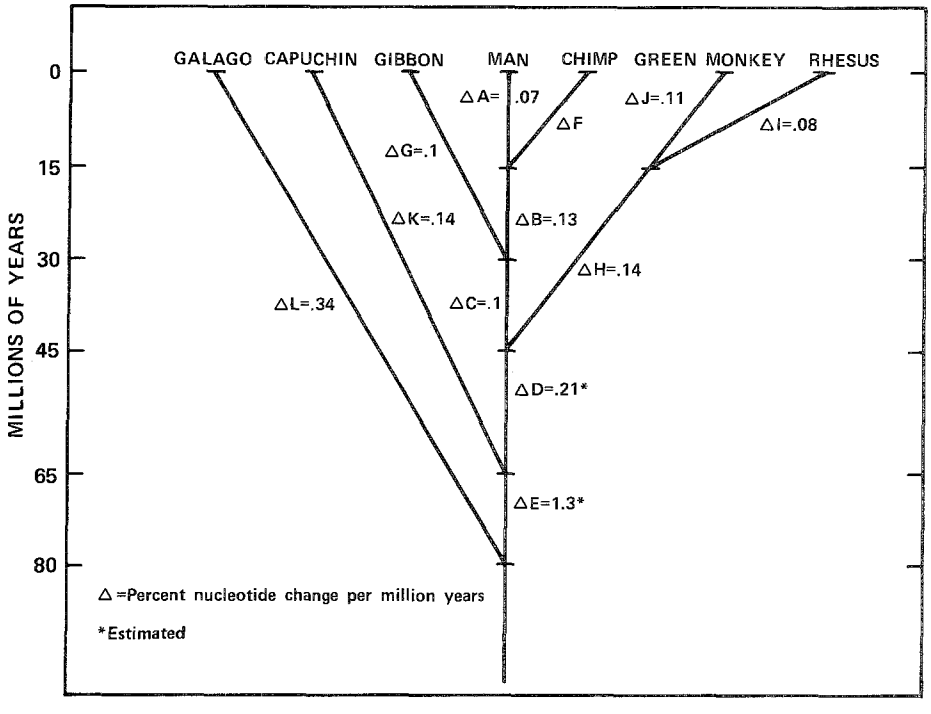
Excerpts from . . .

EVOLUTION OF PRIMATE DNA

By David Kohne

	Percent Actual Binding	Percent Normalized Reaction	$T_{50}R$	$\Delta T_{50}R$	Percent Nucleotide Change	Millions of Years Since Divergence	Total Divergence Time	Percent Nucleotide Change per Million Yrs.	Nucleotide PairΔ Changes Per Year
Man + Man	81	100	82.9	0	0	0	0	0	
Man + Chimp	76.5	94.6	81.2	1.7	2.6	~15	30	~.09	1.8
Man + Gibbon	73.7	91	78.8	4.1	6.2	~30	60	~.1	2
Man + Green Monkey	71	88	76	7	10.5	~45	90	~.12	2.4
Man + Rhesus	72	89	76.2	6.7	10.1	~45	90	~.11	2.2
Man + Capuchin	67	83	71.3	11.6	17.4	~65	130	~.13	2.6
Man + Galago	32	39.6	~47	~36	~54	~75	150	~.36	7.2
Man + Rat	10.3	13	—	—	—	~80-100			
Man − Alone	2	—	—	—	—				

Δ Assumes unique genome size = 2×10^9 NTP



The structural kinships of the DNA's of various primate species, as determined from the thermal stability of artificial man-primate hybrid DNA molecules (above), lead to the construction of a phylogenetic tree (left) showing when the different primates diverged from common ancestors.