

EEB 121
Molecular Evolution
Spring 2008
Dr. Cliff Brunk

		Lecture	Text Reading
Week 1	Tues 1 Apr Thur 3 Apr	Molecular Tools Molecular Basis of Evolution	Chap 1 Chap 1
Week 2	Tues 8 Apr Thur 10 Apr	Origin of Life RNA to RNP to DNA world	Supplemental Supplemental
Week 3	Tues 15 Apr Thur 17 Apr	<i>In vitro</i> Evolution Genes in Populations	Supplemental Chap 2
Week 4	Tues 22 Apr Thur 24 Apr	Neutral Theory Nucleoside Sequences	Chap 2 Chap 3
Week 5	Tues 29 Apr Thur 1 May	Patterns of Nucleotide Substitution Molecular Clocks	Chap 4 Chap 4
Week 6	Tues 6 May Thur 8 May	Molecular Phylogenetics Midterm	Chap 5
Week 7	Tues 13 May Thur 15 May	Tree Reconstruction Universal Phylogeny	Chap 5 Chap 5
Week 8	Tues 20 May Thur 22 May	Gene Duplication Introns and Exon Shuffling	Chap 6 Chap 6
Week 9	Tues 27 May Thur 29 May	Concerted Evolution Transposons and Evolution	Chap 6 Chap 7
Week 10	Tues 3 Jun Thur 5 Jun	Genome Evolution FINAL	Chap 8