82.5: The Neutral Theory Mentral Theory's Most vorontron in proteone and DNA one rental (not under selection) Molecular Clock: Theory that says substitutioned year about the same everywhere I allow you to consert bot generation and years In this section has: substitution rate at a sike Looking at Substition bit closely reduced species, kinusa and OLTA (1971) tond kg=1,6×10-0 ann acid substituting Laborating experients determine us = going add mitally at us is his => entre to rentral theory H& 0.1 oh homons => 4Nu = 0.1 1+ 4 Mar) That in writy 5) 4NW = 0.1 +0.4 NW of genutros 3,6Nu = 0.1 >> 4p~ ≈ 0.4 ≈ 0.1 2.10: 4Na= 4No 10-7== 0.1 => N= 0,1.107

Issues II) But e = u for generating they say years. substitution note shall be larger in more than humans but the is not observed in practice Heterozygosoz "
0.05 = H = 0.15

1+444

(1.11 ~ ~ ...+ rol +leary) one access speers (b) reated theory) the I this is rend (maybe soulle- populations i post?) 3.) Vo. (Ne) > E(Nt) or practice

# substituting over the f But Poisson suns var(N+) = E[N+]