

Evolution TEST REVIEW

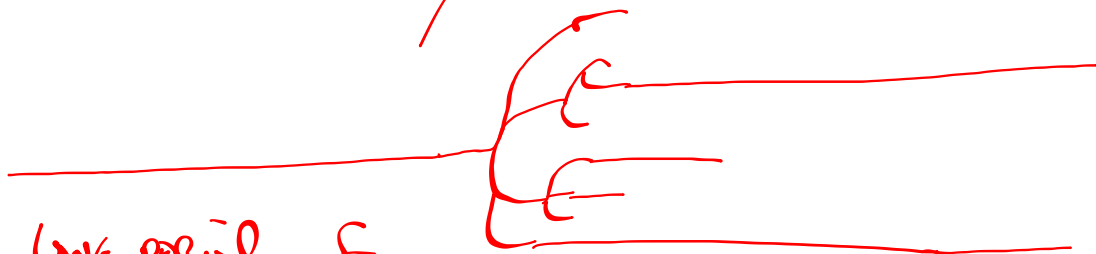
PLEASE GET OUT

2 "what to know" HANDOUTS

1. ch. 15 + 16

2. ch. 17 + 32-3

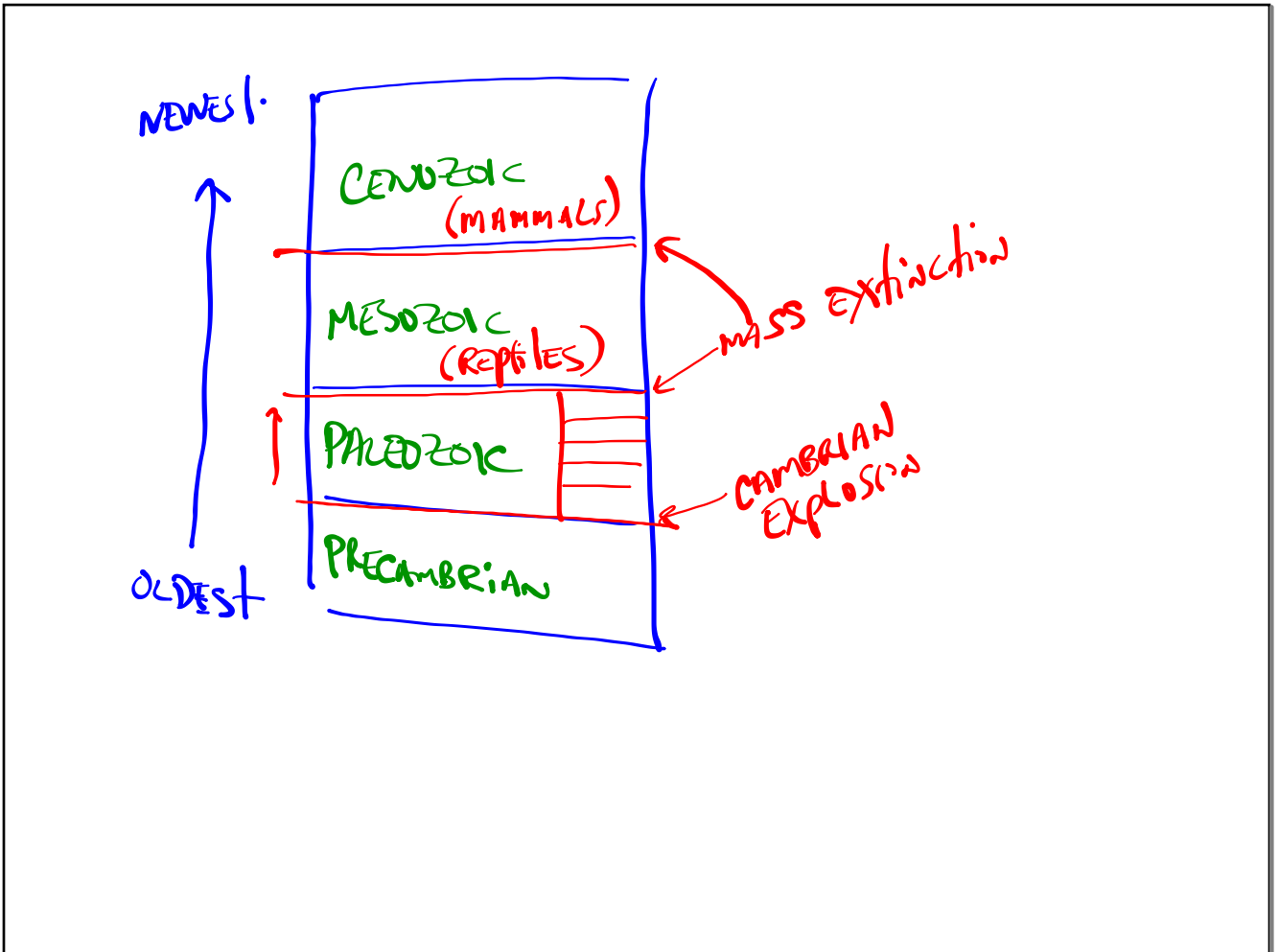
DARWIN - GRADUALIST X



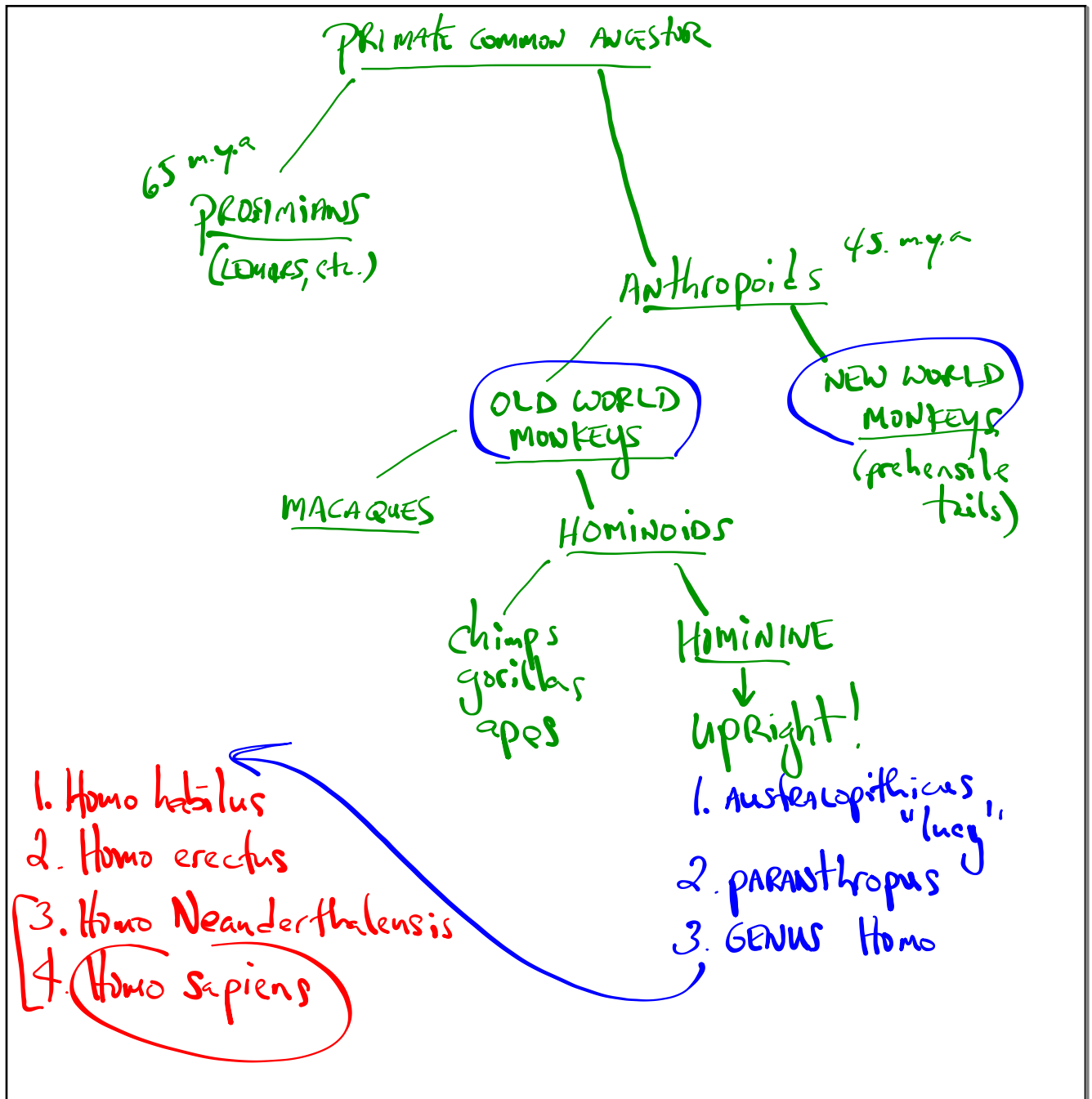
Long periods of

stability 'punctuated' by bursts
of evolution

↓
punctuated equilibrium



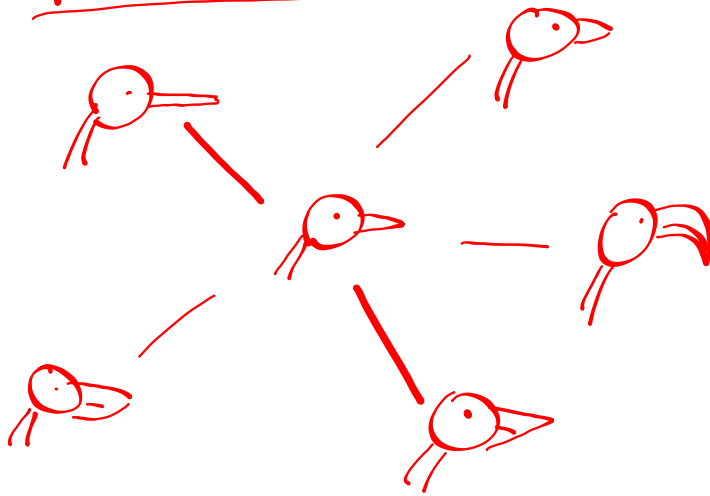
- Hutton, Lyell - Geologists
 - Earth was millions of yrs. old
 - process see today were what caused changes in past
- Lamarck - Theory of evolution - Rejected
 - inheritance of acquired traits
- Malthus - Human pop.
 - if pop. not checked - not enough resources
 - checked: WAR, Famine, Disease

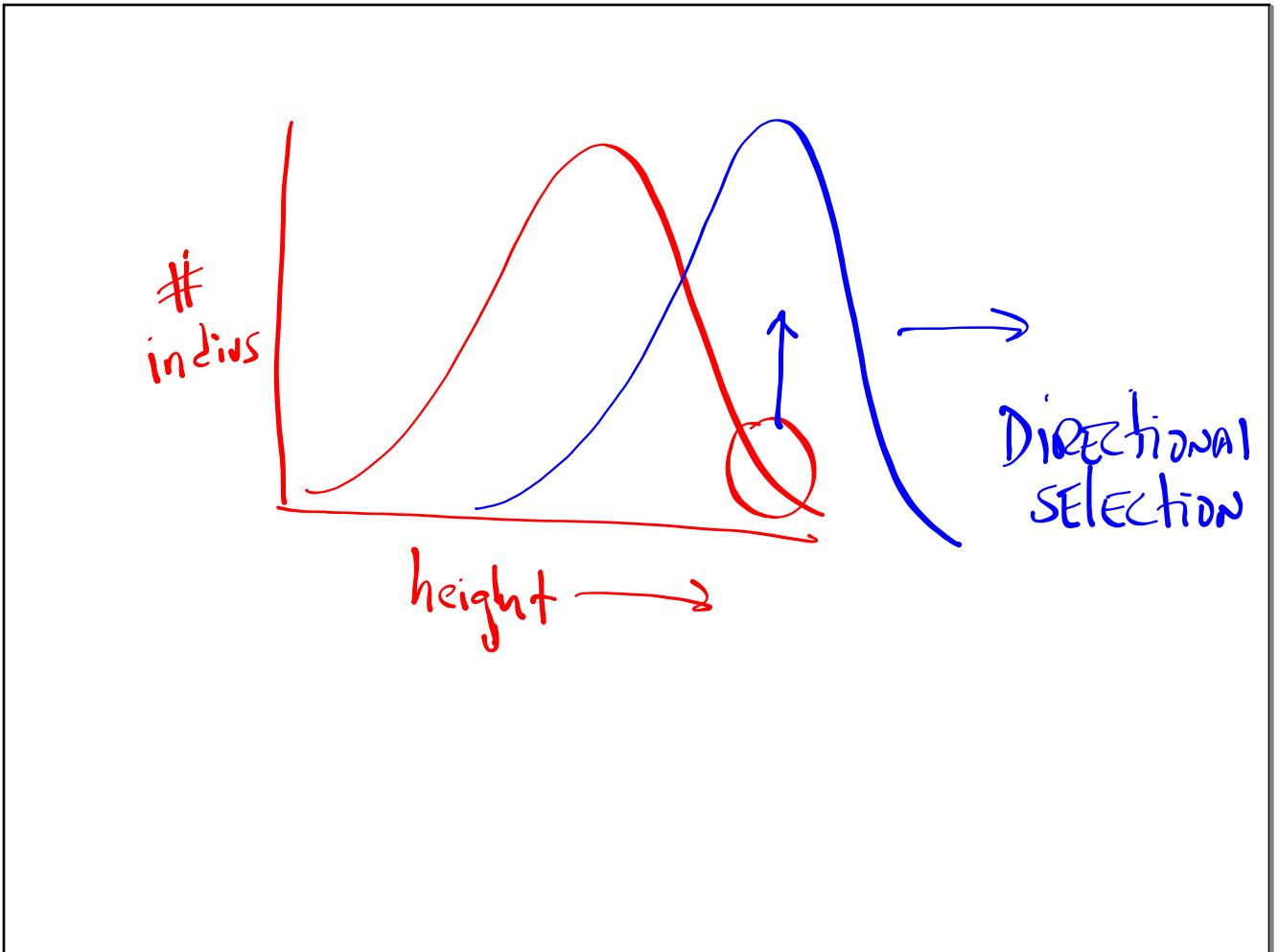


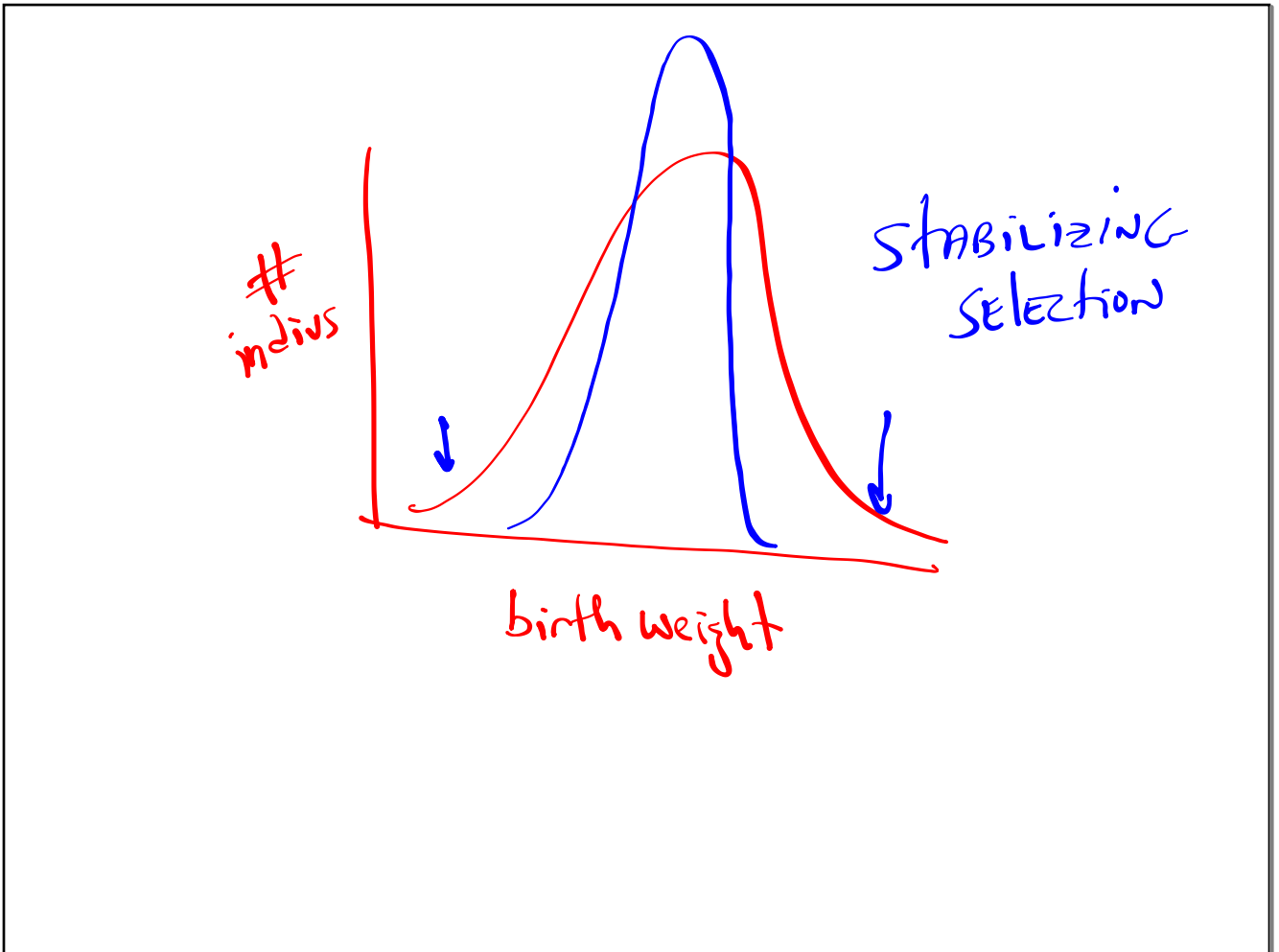
- 1. Homo habilis
- 2. Homo erectus
- 3. Homo Neanderthalensis
- 4. Homo sapiens

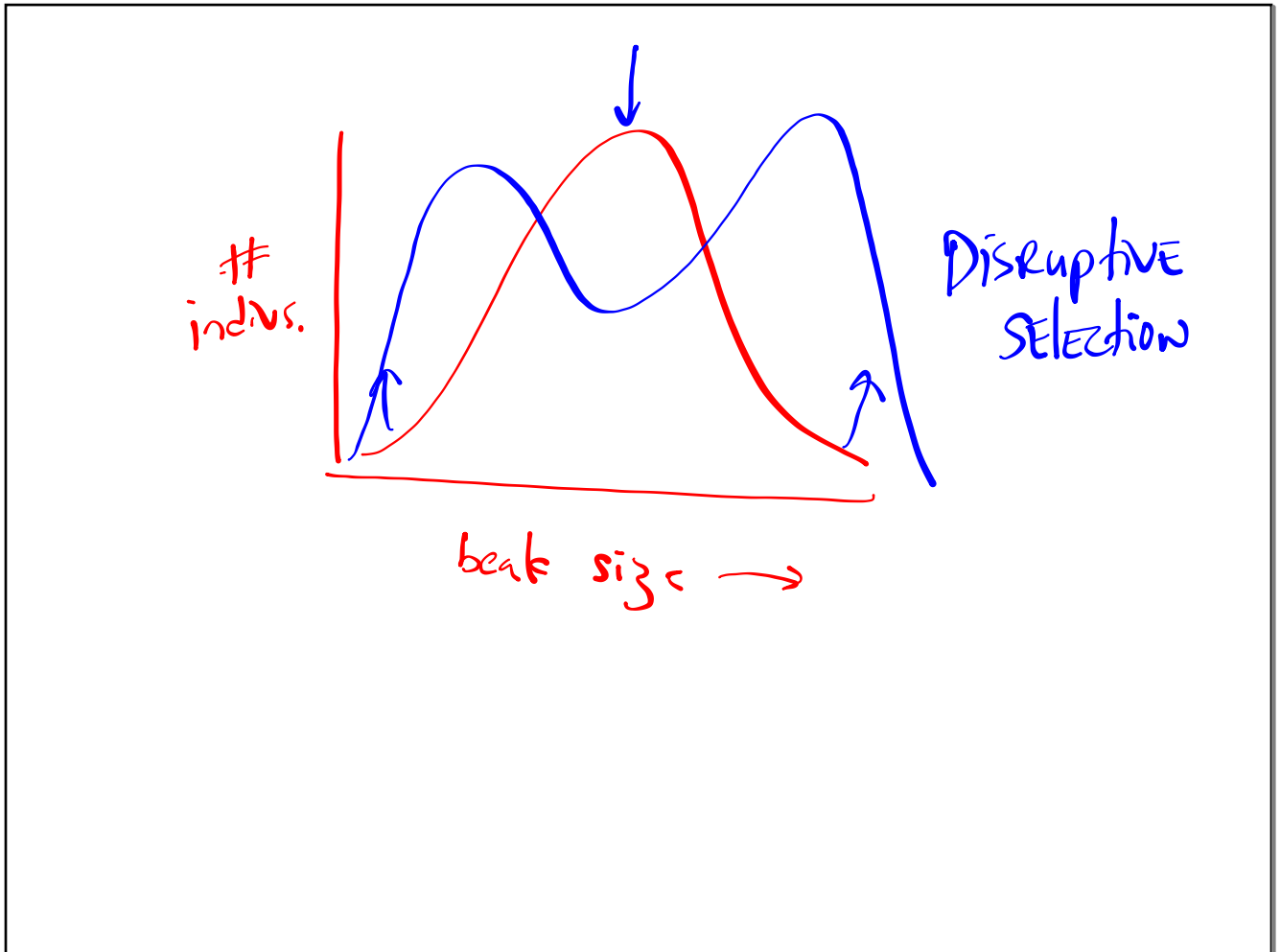
- 1. Australopithecus "Lucy"
- 2. PARANTHROPUS
- 3. GENUS Homo

ADAPTIVE RADIATION









GENETIC DRIFT - Small pops. -

changes in ALLELE FREQUENCIES due
to RANDOM chance

FOUNDER EFFECT -

indivs. who found a pop. -

by chance some ALLELES

are more or less common in pop.

